

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008328.D
 Acq On : 17 Jan 2019 14:57
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:49 PM

Quant Time: Jan 18 00:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	190708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178993	143.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.36%	
35) Dibromofluoromethane	7.88	113	182184	149.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.32%	
50) Toluene-d8	10.32	98	727573	152.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.26%	
62) 4-Bromofluorobenzene	12.62	95	252703	147.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	119985	158.445	ug/l	100
3) Chloromethane	2.22	50	168794	152.057	ug/l	95
4) Vinyl Chloride	2.37	62	203070	143.173	ug/l	92
5) Bromomethane	2.77	94	176512	164.215	ug/l	92
6) Chloroethane	2.92	64	150194	161.782	ug/l	95
7) Trichlorofluoromethane	3.26	101	173151	166.263	ug/l	98
8) Diethyl Ether	3.67	74	101572	140.650	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	183722	151.527	ug/l	98
10) Methyl Iodide	4.26	142	302857	154.877	ug/l	98
11) Tert butyl alcohol	5.18	59	58126	672.605	ug/l	99
12) 1,1-Dichloroethene	4.03	96	185705	150.593	ug/l	95
13) Acrolein	3.89	56	64266	865.764	ug/l	91
14) Allyl chloride	4.65	41	315556	153.067	ug/l	100
15) Acrylonitrile	5.36	53	206501	744.391	ug/l	99
16) Acetone	4.12	43	203479	700.843	ug/l	97
17) Carbon Disulfide	4.37	76	591519	157.639	ug/l	98
18) Methyl Acetate	4.67	43	105530	136.070	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	271504	143.827	ug/l	95
20) Methylene Chloride	4.90	84	192695	124.986	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	210969	152.322	ug/l	93
22) Diisopropyl ether	6.31	45	594947	147.818	ug/l	97
23) Vinyl Acetate	6.25	43	1712912	796.164	ug/l	99
24) 1,1-Dichloroethane	6.21	63	365741	149.243	ug/l	99
25) 2-Butanone	7.17	43	277247	745.564	ug/l	100
26) 2,2-Dichloropropane	7.16	77	211453	135.208	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	225597	150.338	ug/l	99
28) Bromochloromethane	7.51	49	148992	147.568	ug/l #	98
29) Tetrahydrofuran	7.52	42	172723	745.059	ug/l	99
30) Chloroform	7.67	83	364081	150.156	ug/l	97
31) Cyclohexane	7.95	56	334229	143.142	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	298100	146.491	ug/l	99
36) 1,1-Dichloropropene	8.08	75	295879	154.209	ug/l	99
37) Ethyl Acetate	7.26	43	118545	149.825	ug/l	98
38) Carbon Tetrachloride	8.06	117	290587	153.375	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008328.D
 Acq On : 17 Jan 2019 14:57
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:49 PM

Quant Time: Jan 18 00:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	368237	161.347	ug/l	97
40) Benzene	8.32	78	828945	152.519	ug/l	98
41) Methacrylonitrile	7.48	41	64040	139.037	ug/l	90
42) 1,2-Dichloroethane	8.40	62	224470	147.699	ug/l	99
43) Isopropyl Acetate	8.42	43	234367	156.813	ug/l	99
44) Trichloroethene	9.09	130	231538	155.494	ug/l	99
45) 1,2-Dichloropropane	9.37	63	204190	151.246	ug/l	100
46) Dibromomethane	9.46	93	105025	149.261	ug/l	98
47) Bromodichloromethane	9.64	83	268010	154.417	ug/l	98
48) Methyl methacrylate	9.43	41	113371	161.136	ug/l	97
49) 1,4-Dioxane	9.45	88	33295	2939.404	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	590190	779.870	ug/l	100
52) Toluene	10.39	92	533580	155.133	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	274336	158.368	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	325936	159.611	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	146021	149.620	ug/l	96
56) Ethyl methacrylate	10.65	69	189806	165.602	ug/l	99
57) 1,3-Dichloropropane	10.93	76	258483	152.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	446585	807.778	ug/l	99
59) 2-Hexanone	10.97	43	430915	812.667	ug/l	100
60) Dibromochloromethane	11.13	129	185916	159.617	ug/l	99
61) 1,2-Dibromoethane	11.24	107	144710	153.125	ug/l	99
64) Tetrachloroethene	10.86	164	197144	159.745	ug/l	99
65) Chlorobenzene	11.66	112	581631	151.503	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	204461	154.742	ug/l	99
67) Ethyl Benzene	11.73	91	1042654	156.417	ug/l	99
68) m/p-Xylenes	11.84	106	801297	309.701	ug/l	99
69) o-Xylene	12.17	106	380812	157.540	ug/l	100
70) Styrene	12.18	104	612256	157.687	ug/l	99
71) Bromoform	12.35	173	107713	163.643	ug/l	97
73) Isopropylbenzene	12.47	105	1011796	161.246	ug/l	99
74) N-amyl acetate	12.27	43	222066	165.139	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	160766	150.627	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	116732m	139.438	ug/l	
77) Bromobenzene	12.75	156	240290	159.427	ug/l	99
78) n-propylbenzene	12.81	91	1215552	160.047	ug/l	99
79) 2-Chlorotoluene	12.90	91	675480	155.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	819281	156.465	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	52907	160.993	ug/l	98
82) 4-Chlorotoluene	12.99	91	693176	152.863	ug/l	99
83) tert-Butylbenzene	13.21	119	723435	156.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	837176	156.947	ug/l	99
85) sec-Butylbenzene	13.39	105	1041316	157.370	ug/l	98
86) p-Isopropyltoluene	13.51	119	918685	158.960	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	453141	151.315	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	452691	150.886	ug/l	99
89) n-Butylbenzene	13.83	91	874007	157.659	ug/l	100
90) Hexachloroethane	14.10	117	170304	159.232	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	402826	152.354	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25577	146.555	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
Data File : VW008328.D
Acq On : 17 Jan 2019 14:57
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
1/18/2019 2:09:49 PM

Quant Time: Jan 18 00:50:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	290993	162.582	ug/l	100
94) Hexachlorobutadiene	15.24	225	163982	162.565	ug/l	99
95) Naphthalene	15.37	128	508937	170.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	247914	159.024	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008328.D
 Acq On : 17 Jan 2019 14:57
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:49 PM

Quant Time: Jan 18 00:50:28 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

