

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008329.D
 Acq On : 17 Jan 2019 15:22
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW011719

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:55 PM

Quant Time: Jan 18 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	59419	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	60796	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	241628	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	84886	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35305	46.748	ug/l	97
3) Chloromethane	2.21	50	54154	48.916	ug/l	96
4) Vinyl Chloride	2.37	62	69733	49.298	ug/l	91
5) Bromomethane	2.78	94	50727	47.321	ug/l	95
6) Chloroethane	2.93	64	46258	49.962	ug/l	97
7) Trichlorofluoromethane	3.26	101	53545	51.554	ug/l	94
8) Diethyl Ether	3.68	74	34678	48.149	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63077	52.164	ug/l	98
10) Methyl Iodide	4.27	142	103929	53.292	ug/l	98
11) Tert butyl alcohol	5.17	59	20414	243.176	ug/l	99
12) 1,1-Dichloroethene	4.03	96	63298	51.469	ug/l	96
13) Acrolein	3.89	56	24145	276.877	ug/l	95
14) Allyl chloride	4.67	41	108354	52.701	ug/l	100
15) Acrylonitrile	5.37	53	67812	245.108	ug/l	99
16) Acetone	4.12	43	79245	273.681	ug/l	99
17) Carbon Disulfide	4.37	76	202015	53.982	ug/l	100
18) Methyl Acetate	4.67	43	34107	44.096	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	96954	51.499	ug/l	99
20) Methylene Chloride	4.92	84	67727	50.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	71245	51.579	ug/l	96
22) Diisopropyl ether	6.31	45	207015	51.573	ug/l	99
23) Vinyl Acetate	6.26	43	575775	268.345	ug/l	99
24) 1,1-Dichloroethane	6.21	63	124325	50.869	ug/l	99
25) 2-Butanone	7.17	43	94763	255.523	ug/l	99
26) 2,2-Dichloropropane	7.16	77	80035	51.315	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	76331	51.005	ug/l	98
28) Bromochloromethane	7.51	49	49388	49.048	ug/l #	100
29) Tetrahydrofuran	7.53	42	57900	250.433	ug/l	99
30) Chloroform	7.68	83	123124	50.917	ug/l	99
31) Cyclohexane	7.96	56	116215	49.907	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	103446	50.973	ug/l	99
36) 1,1-Dichloropropene	8.08	75	100149	52.725	ug/l	99
37) Ethyl Acetate	7.26	43	39067	49.875	ug/l	99
38) Carbon Tetrachloride	8.07	117	97465	51.964	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008329.D
 Acq On : 17 Jan 2019 15:22
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW011719

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 2:09:55 PM

Quant Time: Jan 18 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	124765	55.220	ug/l	97
40) Benzene	8.32	78	282817	52.563	ug/l	100
41) Methacrylonitrile	7.48	41	22172	48.625	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73715	48.995	ug/l	97
43) Isopropyl Acetate	8.43	43	76062	51.408	ug/l	99
44) Trichloroethene	9.09	130	76672	52.012	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68571	51.306	ug/l	98
46) Dibromomethane	9.46	93	36350	52.183	ug/l	96
47) Bromodichloromethane	9.65	83	89299	51.971	ug/l	98
48) Methyl methacrylate	9.44	41	36609	52.560	ug/l	99
49) 1,4-Dioxane	9.44	88	10907	972.656	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	194733	259.922	ug/l	99
52) Toluene	10.39	92	180429	52.989	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	91409	53.302	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	107508	53.180	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49571	51.307	ug/l	97
56) Ethyl methacrylate	10.65	69	60028	52.903	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87205	51.983	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	145013	264.953	ug/l	99
59) 2-Hexanone	10.97	43	141422	269.409	ug/l	99
60) Dibromochloromethane	11.13	129	60754	52.688	ug/l	99
61) 1,2-Dibromoethane	11.24	107	48436	51.771	ug/l	99
64) Tetrachloroethene	10.87	164	64761	53.194	ug/l	99
65) Chlorobenzene	11.66	112	197163	52.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	68277	52.381	ug/l	98
67) Ethyl Benzene	11.73	91	345708	52.572	ug/l	99
68) m/p-Xylenes	11.84	106	273035	106.972	ug/l	100
69) o-Xylene	12.17	106	128706	53.974	ug/l	99
70) Styrene	12.18	104	207428	54.154	ug/l	99
71) Bromoform	12.35	173	34206	52.679	ug/l #	97
73) Isopropylbenzene	12.47	105	347849	54.744	ug/l	99
74) N-amyl acetate	12.27	43	71499	52.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54657	50.572	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40181m	50.597	ug/l	
77) Bromobenzene	12.75	156	80946	53.036	ug/l	99
78) n-propylbenzene	12.81	91	413704	53.792	ug/l	100
79) 2-Chlorotoluene	12.90	91	232269	52.858	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	285114	53.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17683	53.138	ug/l	97
82) 4-Chlorotoluene	12.99	91	241602	52.615	ug/l	99
83) tert-Butylbenzene	13.21	119	254486	54.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	290405	53.764	ug/l	98
85) sec-Butylbenzene	13.39	105	353165	52.707	ug/l	98
86) p-Isopropyltoluene	13.51	119	315069	53.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	158112	52.140	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	159419	52.473	ug/l	100
89) n-Butylbenzene	13.83	91	303865	54.130	ug/l	100
90) Hexachloroethane	14.10	117	57212	52.826	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	140727	52.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8767	49.608	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
Data File : VW008329.D
Acq On : 17 Jan 2019 15:22
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW011719

Manual Integrations
APPROVED

MMDadoda
1/18/2019 2:09:55 PM

Quant Time: Jan 18 01:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	99628	54.970	ug/l	99
94) Hexachlorobutadiene	15.24	225	55879	54.706	ug/l	97
95) Naphthalene	15.38	128	169469	50.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	85244	53.998	ug/l	100

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

