

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013031.D
 Acq On : 16 Sep 2019 10:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:00:44 PM

Quant Time: Sep 16 12:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	336357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	208414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	149573	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.88	113	132465	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.32	98	555616	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	185340	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67419	52.600	ug/l	97
3) Chloromethane	2.21	50	83407	51.696	ug/l	97
4) Vinyl Chloride	2.36	62	116997	48.596	ug/l	97
5) Bromomethane	2.78	94	68083	46.307	ug/l	95
6) Chloroethane	2.92	64	73555	49.814	ug/l	96
7) Trichlorofluoromethane	3.26	101	82406	48.947	ug/l	97
8) Diethyl Ether	3.68	74	61322	46.647	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122787	48.086	ug/l	98
10) Methyl Iodide	4.26	142	158607	49.633	ug/l	98
11) Tert butyl alcohol	5.20	59	50650	240.741	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	114016	49.108	ug/l	95
13) Acrolein	3.89	56	64910	284.402	ug/l	98
14) Allyl chloride	4.67	41	225345	51.126	ug/l	98
15) Acrylonitrile	5.36	53	163199	243.065	ug/l	99
16) Acetone	4.13	43	186183	278.429	ug/l	99
17) Carbon Disulfide	4.38	76	220216	47.596	ug/l	97
18) Methyl Acetate	4.67	43	75695	42.769	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	229753	50.132	ug/l	97
20) Methylene Chloride	4.91	84	128482	51.332	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	122893	49.421	ug/l	94
22) Diisopropyl ether	6.31	45	479949	52.416	ug/l	98
23) Vinyl Acetate	6.25	43	1431867	261.088	ug/l	98
24) 1,1-Dichloroethane	6.21	63	264789	50.155	ug/l	99
25) 2-Butanone	7.17	43	246657	249.705	ug/l	97
26) 2,2-Dichloropropane	7.17	77	183257	55.142	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	153035	51.405	ug/l	99
28) Bromochloromethane	7.51	49	122360	55.065	ug/l	99
29) Tetrahydrofuran	7.53	42	140992	250.507	ug/l	99
30) Chloroform	7.67	83	269817	50.299	ug/l	99
31) Cyclohexane	7.95	56	219262	55.821	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	222971	50.473	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201108	50.376	ug/l	99
37) Ethyl Acetate	7.25	43	102417	48.333	ug/l	99
38) Carbon Tetrachloride	8.06	117	202529	49.505	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013031.D
 Acq On : 16 Sep 2019 10:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:00:44 PM

Quant Time: Sep 16 12:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223398	51.067	ug/l	97
40) Benzene	8.32	78	572622	51.380	ug/l	99
41) Methacrylonitrile	7.48	41	65497	46.937	ug/l	96
42) 1,2-Dichloroethane	8.40	62	179129	47.947	ug/l	98
43) Isopropyl Acetate	8.42	43	206382	50.726	ug/l	99
44) Trichloroethene	9.09	130	150276	49.228	ug/l	100
45) 1,2-Dichloropropane	9.37	63	155404	52.483	ug/l	99
46) Dibromomethane	9.46	93	68905	48.572	ug/l	99
47) Bromodichloromethane	9.64	83	205773	51.712	ug/l	99
48) Methyl methacrylate	9.43	41	95293	49.906	ug/l	97
49) 1,4-Dioxane	9.46	88	21636	910.197	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	523664	249.305	ug/l	100
52) Toluene	10.38	92	354353	50.037	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	209973	52.467	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	245203	53.549	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109003	50.438	ug/l	97
56) Ethyl methacrylate	10.65	69	155269	53.377	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196650	51.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	390320	250.137	ug/l	99
59) 2-Hexanone	10.97	43	392630	268.447	ug/l	100
60) Dibromochloromethane	11.13	129	131410	50.295	ug/l	98
61) 1,2-Dibromoethane	11.23	107	99149	50.293	ug/l	99
64) Tetrachloroethene	10.86	164	126789	52.171	ug/l	97
65) Chlorobenzene	11.66	112	381083	52.371	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	146655	52.593	ug/l	99
67) Ethyl Benzene	11.73	91	716661	53.327	ug/l	99
68) m/p-Xylenes	11.84	106	531063	108.172	ug/l	100
69) o-Xylene	12.16	106	251483	54.638	ug/l	100
70) Styrene	12.18	104	453383	55.374	ug/l	98
71) Bromoform	12.35	173	79473	54.258	ug/l #	100
73) Isopropylbenzene	12.46	105	729956	52.841	ug/l	100
74) N-amyl acetate	12.27	43	193326	54.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123410	50.864	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99032m	54.248	ug/l	
77) Bromobenzene	12.74	156	162247	50.982	ug/l	99
78) n-propylbenzene	12.80	91	860335	52.945	ug/l	100
79) 2-Chlorotoluene	12.89	91	487601	52.199	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	612418	52.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42597	52.932	ug/l	99
82) 4-Chlorotoluene	12.99	91	516213	52.375	ug/l	99
83) tert-Butylbenzene	13.21	119	554919	53.085	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	614915	53.246	ug/l	98
85) sec-Butylbenzene	13.38	105	768122	53.933	ug/l	99
86) p-Isopropyltoluene	13.49	119	698847	53.445	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	324339	51.483	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	322197	52.043	ug/l	100
89) n-Butylbenzene	13.82	91	685334	55.575	ug/l	99
90) Hexachloroethane	14.09	117	125661	53.626	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	284896	51.423	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21685	48.827	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013031.D
Acq On : 16 Sep 2019 10:29
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/18/2019 2:00:44 PM

Quant Time: Sep 16 12:27:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	207735	52.577	ug/l	99
94) Hexachlorobutadiene	15.24	225	141438	50.567	ug/l	99
95) Naphthalene	15.36	128	357131	54.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	183171	52.444	ug/l	100

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

