

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016428.D
 Acq On : 31 Aug 2020 22:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:22 PM

Quant Time: Sep 01 04:24:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	240565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85012	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.88	113	81307	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.33	98	305827	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	112203	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	45153	51.044	ug/l	96
3) Chloromethane	2.21	50	39244	46.115	ug/l	100
4) Vinyl Chloride	2.36	62	77961	62.853	ug/l	96
5) Bromomethane	2.78	94	59494	67.926	ug/l	99
6) Chloroethane	2.92	64	51721	70.053	ug/l #	86
7) Trichlorofluoromethane	3.26	101	77443	51.641	ug/l	97
8) Diethyl Ether	3.68	74	35253	46.701	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	71639	48.940	ug/l	97
10) Methyl Iodide	4.27	142	111543	49.864	ug/l	100
11) Tert butyl alcohol	5.15	59	26747	283.243	ug/l	99
12) 1,1-Dichloroethene	4.04	96	72162	48.310	ug/l	98
13) Acrolein	3.89	56	13322	184.049	ug/l	98
14) Allyl chloride	4.67	41	87845	47.049	ug/l	97
15) Acrylonitrile	5.36	53	72324	257.336	ug/l	98
16) Acetone	4.12	43	62208	233.154	ug/l	95
17) Carbon Disulfide	4.38	76	203707	48.574	ug/l	98
18) Methyl Acetate	4.67	43	30962	50.891	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	116345	50.980	ug/l	99
20) Methylene Chloride	4.92	84	80003	47.270	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	83310	49.761	ug/l	95
22) Diisopropyl ether	6.31	45	177078	47.911	ug/l	99
23) Vinyl Acetate	6.26	43	550798	243.177	ug/l	98
24) 1,1-Dichloroethane	6.21	63	128436	48.199	ug/l	98
25) 2-Butanone	7.17	43	89353	246.829	ug/l	99
26) 2,2-Dichloropropane	7.17	77	93265	45.318	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	87367	48.166	ug/l	99
28) Bromochloromethane	7.51	49	47270	48.837	ug/l	98
29) Tetrahydrofuran	7.53	42	54792	253.548	ug/l	97
30) Chloroform	7.68	83	145310	49.091	ug/l	100
31) Cyclohexane	7.96	56	108713	44.515	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	135062	50.665	ug/l	100
36) 1,1-Dichloropropene	8.09	75	112471	49.127	ug/l	100
37) Ethyl Acetate	7.25	43	38642	49.823	ug/l	98
38) Carbon Tetrachloride	8.07	117	127319	50.752	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016428.D
 Acq On : 31 Aug 2020 22:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:22 PM

Quant Time: Sep 01 04:24:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	138222	49.862	ug/l	95
40) Benzene	8.32	78	305736	49.881	ug/l	100
41) Methacrylonitrile	7.48	41	22171	49.649	ug/l	93
42) 1,2-Dichloroethane	8.40	62	95745	51.212	ug/l	100
43) Isopropyl Acetate	8.42	43	76549	49.458	ug/l	99
44) Trichloroethene	9.09	130	91342	49.806	ug/l	93
45) 1,2-Dichloropropane	9.37	63	67794	47.678	ug/l	99
46) Dibromomethane	9.46	93	42586	50.409	ug/l	97
47) Bromodichloromethane	9.65	83	109804	50.396	ug/l	98
48) Methyl methacrylate	9.44	41	36642	49.655	ug/l	98
49) 1,4-Dioxane	9.45	88	14068	1222.499	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	195624	255.614	ug/l	100
52) Toluene	10.39	92	207677	50.536	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	105045	49.574	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	120552	48.827	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	59451	49.357	ug/l	96
56) Ethyl methacrylate	10.65	69	72049	51.187	ug/l	99
57) 1,3-Dichloropropane	10.93	76	98862	49.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	149963	237.276	ug/l	98
59) 2-Hexanone	10.97	43	133185	255.082	ug/l	97
60) Dibromochloromethane	11.13	129	79058	51.908	ug/l	100
61) 1,2-Dibromoethane	11.24	107	60053	50.837	ug/l	98
64) Tetrachloroethene	10.87	164	78383	52.241	ug/l	86
65) Chlorobenzene	11.66	112	221671	49.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	84595	50.786	ug/l	98
67) Ethyl Benzene	11.73	91	405135	50.444	ug/l	100
68) m/p-Xylenes	11.84	106	309571	100.959	ug/l	100
69) o-Xylene	12.17	106	143824	51.006	ug/l	95
70) Styrene	12.18	104	245306	51.045	ug/l	100
71) Bromoform	12.35	173	44629	52.654	ug/l #	99
73) Isopropylbenzene	12.47	105	418324	52.670	ug/l	97
74) N-amyl acetate	12.27	43	70371	50.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	67011	51.253	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	48289m	50.700	ug/l	
77) Bromobenzene	12.75	156	89791	48.632	ug/l	96
78) n-propylbenzene	12.80	91	476457	51.102	ug/l	98
79) 2-Chlorotoluene	12.90	91	278487	50.718	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	355875	51.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	20743	48.352	ug/l	99
82) 4-Chlorotoluene	12.99	91	288816	50.311	ug/l	98
83) tert-Butylbenzene	13.21	119	302137	51.626	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	356848	51.360	ug/l	100
85) sec-Butylbenzene	13.38	105	415768	51.308	ug/l	99
86) p-Isopropyltoluene	13.50	119	391245	51.718	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	177406	50.057	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	172416	48.354	ug/l	98
89) n-Butylbenzene	13.82	91	346281	49.857	ug/l	98
90) Hexachloroethane	14.10	117	72535	51.068	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	156417	49.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12368	52.041	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
Data File : VW016428.D
Acq On : 31 Aug 2020 22:18
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/1/2020 12:40:22 PM

Quant Time: Sep 01 04:24:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	102012	48.405	ug/l	99
94) Hexachlorobutadiene	15.24	225	65760	52.266	ug/l	98
95) Naphthalene	15.36	128	199216	51.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	91138	49.355	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
Data File : VW016428.D
Acq On : 31 Aug 2020 22:18
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/1/2020 12:40:22 PM

Quant Time: Sep 01 04:24:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration

