

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007104.D
 Acq On : 28 Nov 2018 10:53
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/29/2018 12:18:51 PM

Quant Time: Nov 29 12:09:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49836	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.88	113	46140	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.32	98	211836	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.62	95	81696	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53460	51.292	ug/l	99
3) Chloromethane	2.21	50	43729	50.344	ug/l	99
4) Vinyl Chloride	2.36	62	45102	52.775	ug/l	99
5) Bromomethane	2.78	94	25706	56.356	ug/l	96
6) Chloroethane	2.92	64	25215	53.524	ug/l	100
7) Trichlorofluoromethane	3.26	101	89082	53.010	ug/l	97
8) Diethyl Ether	3.69	74	25563	47.209	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54985	50.471	ug/l	99
10) Methyl Iodide	4.27	142	65899	52.841	ug/l	98
11) Tert butyl alcohol	5.21	59	18183	270.261	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	48672	50.939	ug/l	99
13) Acrolein	3.90	56	17130	247.925	ug/l	98
14) Allyl chloride	4.67	41	79634	50.248	ug/l	98
15) Acrylonitrile	5.37	53	52103	256.015	ug/l	100
16) Acetone	4.15	43	38336	255.486	ug/l	99
17) Carbon Disulfide	4.38	76	160709	52.024	ug/l	98
18) Methyl Acetate	4.68	43	25426	47.583	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	125544	50.320	ug/l	96
20) Methylene Chloride	4.92	84	59314	49.554	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	55978	50.292	ug/l	98
22) Diisopropyl ether	6.32	45	152518	49.444	ug/l	98
23) Vinyl Acetate	6.26	43	429739	262.343	ug/l	99
24) 1,1-Dichloroethane	6.22	63	92718	49.409	ug/l	99
25) 2-Butanone	7.18	43	64189	249.765	ug/l	98
26) 2,2-Dichloropropane	7.17	77	91815	54.409	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59377	50.094	ug/l	100
28) Bromochloromethane	7.51	49	35286	50.311	ug/l	98
29) Tetrahydrofuran	7.53	42	38888	233.640	ug/l	97
30) Chloroform	7.68	83	96565	48.437	ug/l	97
31) Cyclohexane	7.95	56	98108	49.290	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	94921	52.860	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83603	53.715	ug/l	99
37) Ethyl Acetate	7.26	43	29124	51.638	ug/l	98
38) Carbon Tetrachloride	8.07	117	84646	56.794	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007104.D
 Acq On : 28 Nov 2018 10:53
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/29/2018 12:18:51 PM

Quant Time: Nov 29 12:09:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107977	55.438	ug/l	98
40) Benzene	8.32	78	224498	53.436	ug/l	100
41) Methacrylonitrile	7.49	41	17871	51.022	ug/l	98
42) 1,2-Dichloroethane	8.40	62	61167	50.147	ug/l	100
43) Isopropyl Acetate	8.43	43	56269	52.353	ug/l	100
44) Trichloroethene	9.09	130	63714	54.099	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53513	51.671	ug/l	98
46) Dibromomethane	9.46	93	26273	50.658	ug/l	99
47) Bromodichloromethane	9.65	83	71504	52.328	ug/l	98
48) Methyl methacrylate	9.43	41	30244	58.359	ug/l	96
49) 1,4-Dioxane	9.47	88	9277	1203.474	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	139676	257.157	ug/l	98
52) Toluene	10.39	92	157982	55.254	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73393	55.445	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	87299	54.589	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39661	51.977	ug/l	97
56) Ethyl methacrylate	10.65	69	50432	56.938	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66600	52.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	110557	238.866	ug/l	99
59) 2-Hexanone	10.97	43	106834	287.229	ug/l	100
60) Dibromochloromethane	11.13	129	47806	54.983	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37506	53.732	ug/l	99
64) Tetrachloroethene	10.86	164	54983	57.434	ug/l	98
65) Chlorobenzene	11.66	112	173590	55.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	53568	57.015	ug/l	99
67) Ethyl Benzene	11.73	91	322552	56.532	ug/l	99
68) m/p-Xylenes	11.84	106	253751	113.357	ug/l	99
69) o-Xylene	12.17	106	118482	56.133	ug/l	99
70) Styrene	12.18	104	191518	57.010	ug/l	100
71) Bromoform	12.35	173	25608	57.858	ug/l #	100
73) Isopropylbenzene	12.47	105	330607	55.628	ug/l	100
74) N-amyl acetate	12.27	43	57292	57.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41163	52.044	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31826m	52.964	ug/l	
77) Bromobenzene	12.75	156	69584	54.512	ug/l	96
78) n-propylbenzene	12.81	91	397432	55.207	ug/l	99
79) 2-Chlorotoluene	12.90	91	222508	53.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	284922	55.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13317	55.640	ug/l	99
82) 4-Chlorotoluene	12.99	91	236887	54.383	ug/l	99
83) tert-Butylbenzene	13.21	119	249054	55.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	283443	55.356	ug/l	99
85) sec-Butylbenzene	13.39	105	350623	55.778	ug/l	99
86) p-Isopropyltoluene	13.51	119	312838	56.412	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	143011	54.878	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	140544	54.092	ug/l	99
89) n-Butylbenzene	13.83	91	295966	56.712	ug/l	100
90) Hexachloroethane	14.10	117	47235	58.341	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	126160	55.250	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7662	57.358	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
Data File : VW007104.D
Acq On : 28 Nov 2018 10:53
Operator : VAY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
11/29/2018 12:18:51 PM

Quant Time: Nov 29 12:09:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82477	54.776	ug/l	100
94) Hexachlorobutadiene	15.24	225	47451	57.969	ug/l	99
95) Naphthalene	15.38	128	149296	54.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68002	54.437	ug/l	100

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

