

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007182.D
 Acq On : 04 Dec 2018 12:29
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:36 PM

Quant Time: Dec 05 01:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	185176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	55072	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.89	113	53785	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.33	98	238382	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	90919	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58735	45.449	ug/l	100
3) Chloromethane	2.21	50	77194	47.168	ug/l	100
4) Vinyl Chloride	2.36	62	50671	49.451	ug/l	100
5) Bromomethane	2.76	94	25743	50.135	ug/l	100
6) Chloroethane	2.92	64	28504	49.578	ug/l	100
7) Trichlorofluoromethane	3.26	101	95864	47.986	ug/l	100
8) Diethyl Ether	3.69	74	28176	50.598	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	58957	48.854	ug/l	100
10) Methyl Iodide	4.28	142	50303	48.931	ug/l	100
11) Tert butyl alcohol	5.17	59	24700	192.437	ug/l	100
12) 1,1-Dichloroethene	4.04	96	54671	48.341	ug/l	100
13) Acrolein	3.90	56	19138	248.359	ug/l	100
14) Allyl chloride	4.68	41	89887	49.584	ug/l	100
15) Acrylonitrile	5.37	53	62142	266.940	ug/l	100
16) Acetone	4.12	43	75352	289.431	ug/l	100
17) Carbon Disulfide	4.39	76	186600	50.054	ug/l	100
18) Methyl Acetate	4.68	43	30077	50.612	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	137772	51.740	ug/l	100
20) Methylene Chloride	4.92	84	66808	43.152	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	62445	49.449	ug/l	100
22) Diisopropyl ether	6.32	45	170295	52.329	ug/l	100
23) Vinyl Acetate	6.26	43	472466	266.074	ug/l	100
24) 1,1-Dichloroethane	6.22	63	103910	49.818	ug/l	100
25) 2-Butanone	7.17	43	81746	270.868	ug/l	100
26) 2,2-Dichloropropane	7.17	77	98874	49.328	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	67488	49.853	ug/l	100
28) Bromochloromethane	7.51	49	36359	48.343	ug/l	100
29) Tetrahydrofuran	7.53	42	48990	262.688	ug/l	100
30) Chloroform	7.68	83	107189	49.448	ug/l	100
31) Cyclohexane	7.96	56	105627	48.400	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	102656	50.321	ug/l	100
36) 1,1-Dichloropropene	8.09	75	92381	51.272	ug/l	100
37) Ethyl Acetate	7.26	43	33590	51.538	ug/l	100
38) Carbon Tetrachloride	8.07	117	92337	50.209	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007182.D
 Acq On : 04 Dec 2018 12:29
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:36 PM

Quant Time: Dec 05 01:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120993	50.163	ug/l	100
40) Benzene	8.33	78	252776	51.161	ug/l	100
41) Methacrylonitrile	7.49	41	21337	54.656	ug/l	100
42) 1,2-Dichloroethane	8.40	62	69144	50.074	ug/l	100
43) Isopropyl Acetate	8.43	43	66892	52.844	ug/l	100
44) Trichloroethene	9.09	130	71889	51.763	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58443	50.831	ug/l	100
46) Dibromomethane	9.46	93	29595	49.536	ug/l	100
47) Bromodichloromethane	9.65	83	79956	50.878	ug/l	100
48) Methyl methacrylate	9.44	41	36358	55.341	ug/l	100
49) 1,4-Dioxane	9.45	88	10826	1037.299	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	171347	274.679	ug/l	100
52) Toluene	10.39	92	174899	50.889	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	82879	52.455	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	97539	52.677	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42988	50.585	ug/l	100
56) Ethyl methacrylate	10.65	69	59540	53.711	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73949	51.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	114435	257.009	ug/l	100
59) 2-Hexanone	10.97	43	126220	279.119	ug/l	100
60) Dibromochloromethane	11.13	129	53266	50.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42870	52.595	ug/l	100
64) Tetrachloroethene	10.87	164	62276	51.962	ug/l	100
65) Chlorobenzene	11.66	112	191884	52.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59060	52.199	ug/l	100
67) Ethyl Benzene	11.74	91	340906	51.055	ug/l	100
68) m/p-Xylenes	11.85	106	268433	102.475	ug/l	100
69) o-Xylene	12.17	106	126900	51.851	ug/l	100
70) Styrene	12.18	104	208427	52.025	ug/l	100
71) Bromoform	12.35	173	30728	54.252	ug/l #	100
73) Isopropylbenzene	12.47	105	356399	52.982	ug/l	100
74) N-amyl acetate	12.27	43	68189	57.174	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	48030	54.977	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29395m	26.443	ug/l	
77) Bromobenzene	12.75	156	74803	51.517	ug/l	100
78) n-propylbenzene	12.81	91	400536	49.978	ug/l	100
79) 2-Chlorotoluene	12.90	91	236904	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	302402	52.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17162	57.760	ug/l	100
82) 4-Chlorotoluene	12.99	91	242655	50.401	ug/l	100
83) tert-Butylbenzene	13.21	119	255334	50.773	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	305434	51.995	ug/l	100
85) sec-Butylbenzene	13.39	105	358429	49.925	ug/l	100
86) p-Isopropyltoluene	13.51	119	320195	50.100	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149652	50.206	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154671	51.370	ug/l	100
89) n-Butylbenzene	13.83	91	302616	50.670	ug/l	100
90) Hexachloroethane	14.10	117	51847	53.235	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136022	52.712	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9304	54.976	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
Data File : VW007182.D
Acq On : 04 Dec 2018 12:29
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
12/5/2018 12:43:36 PM

Quant Time: Dec 05 01:01:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94207	52.680	ug/l	100
94) Hexachlorobutadiene	15.24	225	49633	51.468	ug/l	100
95) Naphthalene	15.38	128	176429	55.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78549	52.091	ug/l	100

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

