

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007229.D
 Acq On : 05 Dec 2018 14:01
 Operator : SY/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
 12/6/2018 12:55:32 PM

Quant Time: Dec 06 06:32:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46969	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.88	113	46501	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.32	98	213469	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	80259	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52560	44.225	ug/l	99
3) Chloromethane	2.22	50	63083	41.914	ug/l	98
4) Vinyl Chloride	2.36	62	44793	47.534	ug/l	99
5) Bromomethane	2.76	94	27441	58.112	ug/l	96
6) Chloroethane	2.92	64	24842	46.984	ug/l	95
7) Trichlorofluoromethane	3.26	101	86970	47.338	ug/l	98
8) Diethyl Ether	3.69	74	22003	42.965	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51861	46.729	ug/l	99
10) Methyl Iodide	4.28	142	32400	34.270	ug/l	99
11) Tert butyl alcohol	5.17	59	17524	175.918	ug/l	100
12) 1,1-Dichloroethene	4.04	96	48112	46.258	ug/l	96
13) Acrolein	3.90	56	17157	242.106	ug/l	100
14) Allyl chloride	4.67	41	74953	44.959	ug/l	97
15) Acrylonitrile	5.38	53	45673	213.339	ug/l	100
16) Acetone	4.12	43	51873	216.657	ug/l	99
17) Carbon Disulfide	4.38	76	159394	46.493	ug/l	100
18) Methyl Acetate	4.67	43	22046	40.340	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	106546	43.510	ug/l	100
20) Methylene Chloride	4.92	84	57015	46.971	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	53689	46.230	ug/l	99
22) Diisopropyl ether	6.32	45	141459	47.267	ug/l	98
23) Vinyl Acetate	6.26	43	364225	223.040	ug/l	100
24) 1,1-Dichloroethane	6.22	63	90429	47.143	ug/l	98
25) 2-Butanone	7.17	43	56862	204.878	ug/l	99
26) 2,2-Dichloropropane	7.17	77	88408	47.961	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	57847	46.465	ug/l	99
28) Bromochloromethane	7.51	49	31886	46.100	ug/l	99
29) Tetrahydrofuran	7.53	42	34795	202.876	ug/l	100
30) Chloroform	7.68	83	93293	46.798	ug/l	99
31) Cyclohexane	7.96	56	90611	45.148	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	90508	48.243	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78479	48.018	ug/l	99
37) Ethyl Acetate	7.26	43	23504	39.757	ug/l	98
38) Carbon Tetrachloride	8.07	117	80220	48.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104169	47.611	ug/l	98
40) Benzene	8.32	78	216886	48.394	ug/l	100
41) Methacrylonitrile	7.49	41	15909	44.926	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57743	46.101	ug/l	100
43) Isopropyl Acetate	8.43	43	48348	42.107	ug/l	100
44) Trichloroethene	9.09	130	61807	49.063	ug/l	91
45) 1,2-Dichloropropane	9.37	63	49614	47.572	ug/l	99
46) Dibromomethane	9.46	93	24429	45.078	ug/l	98
47) Bromodichloromethane	9.65	83	66697	46.788	ug/l	94
48) Methyl methacrylate	9.44	41	26860	45.072	ug/l	96
49) 1,4-Dioxane	9.45	88	9126	963.983	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	123873	218.917	ug/l	100
52) Toluene	10.39	92	152149	48.804	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	67067	46.795	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79362	47.251	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34946	45.334	ug/l	97
56) Ethyl methacrylate	10.65	69	46213	45.959	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58007	44.572	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	95155	235.599	ug/l	100
59) 2-Hexanone	10.97	43	86360	210.536	ug/l	100
60) Dibromochloromethane	11.13	129	43694	46.119	ug/l	97
61) 1,2-Dibromoethane	11.24	107	33887	45.833	ug/l	98
64) Tetrachloroethene	10.87	164	54419	47.891	ug/l	95
65) Chlorobenzene	11.66	112	168118	48.400	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	51379	47.895	ug/l	99
67) Ethyl Benzene	11.73	91	306634	48.435	ug/l	98
68) m/p-Xylenes	11.84	106	236962	95.411	ug/l	98
69) o-Xylene	12.17	106	110551	47.643	ug/l	97
70) Styrene	12.18	104	179104	47.152	ug/l	98
71) Bromoform	12.35	173	23826	44.368	ug/l #	97
73) Isopropylbenzene	12.47	105	311772	49.721	ug/l	100
74) N-amyl acetate	12.27	43	48880	43.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37776	46.387	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24102m	40.374	ug/l	
77) Bromobenzene	12.75	156	64608	47.734	ug/l	99
78) n-propylbenzene	12.81	91	368726	49.358	ug/l	96
79) 2-Chlorotoluene	12.90	91	207023	49.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	261908	48.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12323	44.493	ug/l	96
82) 4-Chlorotoluene	12.99	91	219405	48.888	ug/l	99
83) tert-Butylbenzene	13.21	119	230932	49.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	261718	47.796	ug/l	97
85) sec-Butylbenzene	13.39	105	329498	49.235	ug/l	99
86) p-Isopropyltoluene	13.51	119	291268	48.891	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133932	48.202	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	131445	46.834	ug/l	98
89) n-Butylbenzene	13.83	91	275678	49.519	ug/l	99
90) Hexachloroethane	14.10	117	45164	49.748	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	116482	48.425	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6881	43.618	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79174	47.496	ug/l	98
94) Hexachlorobutadiene	15.24	225	44342	49.328	ug/l	99
95) Naphthalene	15.38	128	133287	44.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	64205	45.677	ug/l	100

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

