

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006626.D
 Acq On : 05 Nov 2018 10:34
 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
 11/6/2018 8:13:17 AM

Quant Time: Nov 05 13:26:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116082	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	7.88	113	130575	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.32	98	508926	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.62	95	177824	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	77093	49.025	ug/l	96
3) Chloromethane	2.21	50	87213	44.824	ug/l	99
4) Vinyl Chloride	2.37	62	131839	48.529	ug/l	100
5) Bromomethane	2.78	94	103441	45.370	ug/l	99
6) Chloroethane	2.93	64	87207	45.942	ug/l	99
7) Trichlorofluoromethane	3.26	101	125960	52.504	ug/l	98
8) Diethyl Ether	3.68	74	54920	41.879	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133164	51.981	ug/l	99
10) Methyl Iodide	4.26	142	215914	46.483	ug/l	99
11) Tert butyl alcohol	5.23	59	29724	211.573	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	125184	50.594	ug/l	99
13) Acrolein	3.90	56	40940	231.694	ug/l	97
14) Allyl chloride	4.66	41	160600	49.725	ug/l	98
15) Acrylonitrile	5.37	53	101535	215.932	ug/l	99
16) Acetone	4.13	43	125907	299.080	ug/l	99
17) Carbon Disulfide	4.37	76	372351	52.883	ug/l	100
18) Methyl Acetate	4.68	43	49716	41.069	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	160686	43.629	ug/l	99
20) Methylene Chloride	4.91	84	125628	45.511	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	139937	49.981	ug/l	99
22) Diisopropyl ether	6.31	45	315970	46.927	ug/l	100
23) Vinyl Acetate	6.26	43	863065	231.143	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221318	48.499	ug/l	100
25) 2-Butanone	7.18	43	146432	243.760	ug/l	97
26) 2,2-Dichloropropane	7.16	77	156857	57.062	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	151093	48.237	ug/l	99
28) Bromochloromethane	7.51	49	82706	45.643	ug/l	98
29) Tetrahydrofuran	7.53	42	77732	205.726	ug/l	99
30) Chloroform	7.68	83	239900	47.950	ug/l	97
31) Cyclohexane	7.96	56	204999	49.358	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	219922	51.947	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196536	54.563	ug/l	100
37) Ethyl Acetate	7.26	43	55329	44.325	ug/l	99
38) Carbon Tetrachloride	8.07	117	216303	57.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259144	56.693	ug/l	99
40) Benzene	8.32	78	537268	52.514	ug/l	99
41) Methacrylonitrile	7.48	41	34539	45.124	ug/l	97
42) 1,2-Dichloroethane	8.40	62	140915	48.026	ug/l	100
43) Isopropyl Acetate	8.43	43	114224	45.857	ug/l	99
44) Trichloroethene	9.09	130	166246	52.657	ug/l	100
45) 1,2-Dichloropropane	9.37	63	121923	51.208	ug/l	97
46) Dibromomethane	9.46	93	67707	48.375	ug/l	99
47) Bromodichloromethane	9.65	83	170527	52.473	ug/l	100
48) Methyl methacrylate	9.44	41	52897	44.078	ug/l	96
49) 1,4-Dioxane	9.47	88	18417	899.131	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	286748	224.151	ug/l	100
52) Toluene	10.39	92	358704	52.273	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167639	53.600	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	196141	53.069	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97261	48.977	ug/l	95
56) Ethyl methacrylate	10.65	69	105946	46.939	ug/l	99
57) 1,3-Dichloropropane	10.93	76	155135	48.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	250996	228.760	ug/l	100
59) 2-Hexanone	10.97	43	221093	254.462	ug/l	100
60) Dibromochloromethane	11.13	129	122661	52.133	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95049	48.198	ug/l	99
64) Tetrachloroethene	10.87	164	150480	50.701	ug/l	98
65) Chlorobenzene	11.66	112	409369	52.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	147991	53.740	ug/l	99
67) Ethyl Benzene	11.74	91	714477	54.558	ug/l	99
68) m/p-Xylenes	11.84	106	570286	108.999	ug/l	100
69) o-Xylene	12.17	106	267964	53.797	ug/l	99
70) Styrene	12.19	104	433339	53.362	ug/l	100
71) Bromoform	12.35	173	78022	53.448	ug/l	99
73) Isopropylbenzene	12.47	105	758289	54.745	ug/l	100
74) N-amyl acetate	12.28	43	108922	45.507	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	105049	48.018	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81266m	49.536	ug/l	
77) Bromobenzene	12.75	156	183311	51.115	ug/l	99
78) n-propylbenzene	12.81	91	884953	55.546	ug/l	100
79) 2-Chlorotoluene	12.90	91	483845	52.918	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	632661	54.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32122	50.669	ug/l	96
82) 4-Chlorotoluene	12.99	91	513286	53.062	ug/l	100
83) tert-Butylbenzene	13.21	119	571457	55.068	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	643469	53.910	ug/l	100
85) sec-Butylbenzene	13.39	105	808668	55.639	ug/l	99
86) p-Isopropyltoluene	13.51	119	737153	55.740	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	373579	52.895	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	364078	52.005	ug/l	100
89) n-Butylbenzene	13.83	91	665439	56.684	ug/l	100
90) Hexachloroethane	14.10	117	126349	58.130	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	321761	50.647	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16173	45.561	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	237745	50.328	ug/l	100
94) Hexachlorobutadiene	15.24	225	158759	53.923	ug/l	99
95) Naphthalene	15.38	128	352599	46.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	200461	48.283	ug/l	99

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

