

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003528.D
 Acq On : 25 Jun 2018 00:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/26/2018 4:39:23 PM

Quant Time: Jun 25 02:12:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142167	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
35) Dibromofluoromethane	7.88	113	122884	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
50) Toluene-d8	10.33	98	485248	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.62	95	179120	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36162	55.15	ug/l	90
3) Chloromethane	2.21	50	77390	46.72	ug/l	95
4) Vinyl Chloride	2.36	62	107785	44.63	ug/l	99
5) Bromomethane	2.78	94	71503	44.55	ug/l	99
6) Chloroethane	2.92	64	73543	43.75	ug/l	97
7) Trichlorofluoromethane	3.25	101	62300	43.06	ug/l	91
8) Diethyl Ether	3.68	74	55504	52.23	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93885	46.73	ug/l	99
10) Methyl Iodide	4.26	142	151180	49.76	ug/l	100
11) Tert butyl alcohol	5.25	59	37247	295.66	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	92690	47.21	ug/l	98
13) Acrolein	3.90	56	23815	132.22	ug/l	95
14) Allyl chloride	4.66	41	168239	49.47	ug/l	99
15) Acrylonitrile	5.38	53	125944	288.03	ug/l	100
16) Acetone	4.15	43	114016	231.43	ug/l	99
17) Carbon Disulfide	4.37	76	262055	45.15	ug/l	99
18) Methyl Acetate	4.68	43	67490	57.75	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	205924	56.00	ug/l	98
20) Methylene Chloride	4.91	84	108865	52.18	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	105768	49.50	ug/l	97
22) Diisopropyl ether	6.32	45	378387	55.29	ug/l	99
23) Vinyl Acetate	6.26	43	1087887	275.83	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211031	51.94	ug/l	98
25) 2-Butanone	7.18	43	168358	274.82	ug/l	99
26) 2,2-Dichloropropane	7.17	77	115352	42.54	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	123103	52.45	ug/l	99
28) Bromochloromethane	7.51	49	100411	59.39	ug/l	97
29) Tetrahydrofuran	7.54	42	109199	291.66	ug/l	99
30) Chloroform	7.68	83	218735	52.84	ug/l	98
31) Cyclohexane	7.95	56	169470	44.65	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	167524	49.03	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160461	46.30	ug/l	100
37) Ethyl Acetate	7.26	43	78514	54.68	ug/l	99
38) Carbon Tetrachloride	8.07	117	153845	45.25	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	179555	44.77	ug/l	98
40) Benzene	8.32	78	469330	49.13	ug/l	99
41) Methacrylonitrile	7.49	41	48206	54.71	ug/l	99
42) 1,2-Dichloroethane	8.40	62	153358	51.24	ug/l	99
43) Isopropyl Acetate	8.43	43	150424	52.76	ug/l	99
44) Trichloroethene	9.09	130	121345	47.94	ug/l	99
45) 1,2-Dichloropropane	9.37	63	123040	50.58	ug/l	99
46) Dibromomethane	9.46	93	64553	51.84	ug/l	97
47) Bromodichloromethane	9.65	83	161613	50.63	ug/l	99
48) Methyl methacrylate	9.44	41	74705	55.76	ug/l	97
49) 1,4-Dioxane	9.49	88	21882	1163.73	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	404321	278.32	ug/l	99
52) Toluene	10.39	92	298336	48.70	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163073	50.01	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	183483	49.44	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90698	51.68	ug/l	98
56) Ethyl methacrylate	10.65	69	117451	55.12	ug/l	98
57) 1,3-Dichloropropane	10.94	76	160484	53.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	255658	267.63	ug/l	98
59) 2-Hexanone	10.98	43	279332	275.24	ug/l	100
60) Dibromochloromethane	11.13	129	108044	51.77	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86589	52.16	ug/l	100
64) Tetrachloroethene	10.87	164	108239	48.16	ug/l	98
65) Chlorobenzene	11.66	112	332015	47.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119530	48.61	ug/l	99
67) Ethyl Benzene	11.74	91	593966	47.89	ug/l	100
68) m/p-Xylenes	11.85	106	451401	95.74	ug/l	99
69) o-Xylene	12.17	106	215658	49.35	ug/l	99
70) Styrene	12.19	104	368445	50.66	ug/l	99
71) Bromoform	12.35	173	64488	50.61	ug/l #	99
73) Isopropylbenzene	12.47	105	590226	47.14	ug/l	100
74) N-amyl acetate	12.28	43	150160	52.69	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	109793	51.83	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78025m	50.70	ug/l	
77) Bromobenzene	12.76	156	140575	48.21	ug/l	97
78) n-propylbenzene	12.81	91	724246	47.24	ug/l	100
79) 2-Chlorotoluene	12.90	91	414763	47.87	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	505538	48.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32308	48.31	ug/l	96
82) 4-Chlorotoluene	13.00	91	436939	47.54	ug/l	100
83) tert-Butylbenzene	13.21	119	424720	47.42	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	525119	48.57	ug/l	99
85) sec-Butylbenzene	13.39	105	620710	46.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	553214	47.11	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	283728	47.36	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	279146	46.87	ug/l	99
89) n-Butylbenzene	13.84	91	534037	46.66	ug/l	99
90) Hexachloroethane	14.10	117	99401	46.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	254348	48.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18579	52.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176008	47.78	ug/l	99
94) Hexachlorobutadiene	15.25	225	98765	44.57	ug/l	97
95) Naphthalene	15.38	128	334109	53.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	158421	48.86	ug/l	99

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

