

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003502.D
 Acq On : 24 Jun 2018 11:17
 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
 6/26/2018 12:23:58 PM

Quant Time: Jun 24 23:35:29 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	265119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140961	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.88	113	127851	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.33	98	516396	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.62	95	182074	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56173	70.08	ug/l	89
3) Chloromethane	2.21	50	88220	43.56	ug/l	97
4) Vinyl Chloride	2.36	62	132087	44.74	ug/l	99
5) Bromomethane	2.78	94	82052	41.82	ug/l	96
6) Chloroethane	2.92	64	88365	43.00	ug/l	96
7) Trichlorofluoromethane	3.26	101	88967	50.30	ug/l	97
8) Diethyl Ether	3.68	74	60210	46.34	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119499	48.66	ug/l	98
10) Methyl Iodide	4.26	142	178861	48.16	ug/l	99
11) Tert butyl alcohol	5.23	59	33613m	218.25	ug/l	
12) 1,1-Dichloroethene	4.03	96	114271	47.61	ug/l	97
13) Acrolein	3.90	56	52483	238.35	ug/l	98
14) Allyl chloride	4.66	41	203835	49.03	ug/l	99
15) Acrylonitrile	5.38	53	124820	233.51	ug/l	99
16) Acetone	4.15	43	147915	245.60	ug/l	100
17) Carbon Disulfide	4.37	76	329700	46.47	ug/l	99
18) Methyl Acetate	4.68	43	67935	47.55	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	217654	48.42	ug/l	99
20) Methylene Chloride	4.91	84	118260	45.92	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	125500	48.05	ug/l	98
22) Diisopropyl ether	6.31	45	415017	49.60	ug/l	97
23) Vinyl Acetate	6.26	43	1168277	242.31	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241875	48.70	ug/l	98
25) 2-Butanone	7.19	43	185971	248.32	ug/l	99
26) 2,2-Dichloropropane	7.17	77	160969	48.56	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	138496	48.27	ug/l	97
28) Bromochloromethane	7.51	49	109789	53.12	ug/l	96
29) Tetrahydrofuran	7.54	42	108989	238.12	ug/l	99
30) Chloroform	7.68	83	245386	48.49	ug/l	98
31) Cyclohexane	7.96	56	217395	46.85	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	204211	48.89	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196500	50.49	ug/l	99
37) Ethyl Acetate	7.26	43	74745	46.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	191876	50.26	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229255	50.91	ug/l	99
40) Benzene	8.32	78	533505	49.73	ug/l	100
41) Methacrylonitrile	7.49	41	48922	49.44	ug/l	96
42) 1,2-Dichloroethane	8.40	62	163542	48.66	ug/l	98
43) Isopropyl Acetate	8.43	43	150289	46.94	ug/l	99
44) Trichloroethene	9.09	130	139514	49.08	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135345	49.55	ug/l	99
46) Dibromomethane	9.46	93	66996	47.91	ug/l	98
47) Bromodichloromethane	9.65	83	178265	49.73	ug/l	99
48) Methyl methacrylate	9.44	41	75752	50.35	ug/l	97
49) 1,4-Dioxane	9.49	88	20271	960.00	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	399383	244.81	ug/l	99
52) Toluene	10.39	92	344808	50.12	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	181020	49.43	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	208806	50.10	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94501	47.95	ug/l	98
56) Ethyl methacrylate	10.65	69	119479	49.93	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167007	49.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	276603	257.85	ug/l	97
59) 2-Hexanone	10.98	43	294661	258.55	ug/l	100
60) Dibromochloromethane	11.13	129	113648	48.49	ug/l	98
61) 1,2-Dibromoethane	11.24	107	89181	47.84	ug/l	98
64) Tetrachloroethene	10.87	164	119088	48.35	ug/l	98
65) Chlorobenzene	11.66	112	378356	49.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	131804	48.91	ug/l	100
67) Ethyl Benzene	11.74	91	688963	50.68	ug/l	99
68) m/p-Xylenes	11.85	106	523274	101.26	ug/l	100
69) o-Xylene	12.17	106	243831	50.91	ug/l	99
70) Styrene	12.19	104	407356	51.10	ug/l	100
71) Bromoform	12.35	173	65383	46.81	ug/l #	98
73) Isopropylbenzene	12.47	105	697151	51.28	ug/l	100
74) N-amyl acetate	12.28	43	151455	48.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	110210	47.92	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	77866m	46.60	ug/l	
77) Bromobenzene	12.76	156	151993	48.01	ug/l	96
78) n-propylbenzene	12.81	91	850700	51.11	ug/l	99
79) 2-Chlorotoluene	12.90	91	472900	50.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	580313	50.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33772	46.51	ug/l	94
82) 4-Chlorotoluene	12.99	91	500186	50.12	ug/l	100
83) tert-Butylbenzene	13.21	119	500373	51.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	595047	50.70	ug/l	99
85) sec-Butylbenzene	13.39	105	735113	50.86	ug/l	99
86) p-Isopropyltoluene	13.51	119	651470	51.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318676	49.00	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	313884	48.55	ug/l	99
89) n-Butylbenzene	13.83	91	636669	51.23	ug/l	100
90) Hexachloroethane	14.10	117	114801	49.78	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	279206	49.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18556	47.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	196977	49.25	ug/l	99
94) Hexachlorobutadiene	15.25	225	114205	47.47	ug/l	98
95) Naphthalene	15.38	128	335466	49.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	169517	48.15	ug/l	99

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

