

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003477.D
 Acq On : 23 Jun 2018 23:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:08:40 AM

Quant Time: Jun 25 04:27:08 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	280512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	449875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157722	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.88	113	138688	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.33	98	549693	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	199171	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52619	62.05	ug/l	92
3) Chloromethane	2.21	50	98040	45.76	ug/l	95
4) Vinyl Chloride	2.36	62	134938	43.20	ug/l	98
5) Bromomethane	2.78	94	85951	41.40	ug/l	98
6) Chloroethane	2.92	64	88717	40.80	ug/l	99
7) Trichlorofluoromethane	3.25	101	81573	43.59	ug/l	96
8) Diethyl Ether	3.68	74	68337	49.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116827	44.96	ug/l	99
10) Methyl Iodide	4.26	142	189053	48.11	ug/l	100
11) Tert butyl alcohol	5.23	59	46135	283.12	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	116426	45.85	ug/l	99
13) Acrolein	3.90	56	70541	302.78	ug/l	96
14) Allyl chloride	4.66	41	218920	49.77	ug/l	97
15) Acrylonitrile	5.38	53	149533	264.39	ug/l	99
16) Acetone	4.15	43	141765	222.47	ug/l	99
17) Carbon Disulfide	4.37	76	337737	44.99	ug/l	98
18) Methyl Acetate	4.68	43	82351	54.47	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	260056	54.68	ug/l	99
20) Methylene Chloride	4.91	84	135026	49.87	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	132376	47.90	ug/l	97
22) Diisopropyl ether	6.32	45	473745	53.52	ug/l	100
23) Vinyl Acetate	6.26	43	1357001	266.01	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260095	49.49	ug/l	99
25) 2-Butanone	7.18	43	203486	256.80	ug/l	97
26) 2,2-Dichloropropane	7.17	77	157032	44.77	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151686	49.96	ug/l	99
28) Bromochloromethane	7.51	49	127116	58.13	ug/l	98
29) Tetrahydrofuran	7.54	42	133462	275.59	ug/l	98
30) Chloroform	7.68	83	271121	50.64	ug/l	99
31) Cyclohexane	7.96	56	217632	44.33	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	209429	47.39	ug/l	99
36) 1,1-Dichloropropene	8.09	75	200832	46.23	ug/l	99
37) Ethyl Acetate	7.26	43	93313	51.84	ug/l	99
38) Carbon Tetrachloride	8.07	117	193014	45.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	230404	45.83	ug/l	97
40) Benzene	8.33	78	581061	48.52	ug/l	100
41) Methacrylonitrile	7.49	41	51685	46.80	ug/l	91
42) 1,2-Dichloroethane	8.40	62	183723	48.97	ug/l	99
43) Isopropyl Acetate	8.43	43	186541	52.20	ug/l	100
44) Trichloroethene	9.09	130	148319	46.74	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152057	49.87	ug/l	96
46) Dibromomethane	9.46	93	77476	49.63	ug/l	99
47) Bromodichloromethane	9.65	83	198180	49.53	ug/l	99
48) Methyl methacrylate	9.44	41	89285	53.16	ug/l	98
49) 1,4-Dioxane	9.49	88	24079	1021.55	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	488984	268.51	ug/l	99
52) Toluene	10.39	92	371135	48.33	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204509	50.03	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	232976	50.08	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	110977	50.45	ug/l	99
56) Ethyl methacrylate	10.65	69	145558	54.49	ug/l	97
57) 1,3-Dichloropropane	10.94	76	193005	50.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	333019	278.10	ug/l	98
59) 2-Hexanone	10.98	43	337923	265.62	ug/l	99
60) Dibromochloromethane	11.13	129	131767	50.37	ug/l	98
61) 1,2-Dibromoethane	11.24	107	105914	50.90	ug/l	99
64) Tetrachloroethene	10.87	164	130704	46.29	ug/l	98
65) Chlorobenzene	11.66	112	410649	46.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	146963	47.57	ug/l	100
67) Ethyl Benzene	11.74	91	740744	47.53	ug/l	99
68) m/p-Xylenes	11.85	106	561750	94.82	ug/l	99
69) o-Xylene	12.17	106	267991	48.81	ug/l	100
70) Styrene	12.19	104	447745	49.00	ug/l	100
71) Bromoform	12.35	173	79083	49.39	ug/l	99
73) Isopropylbenzene	12.47	105	735371	47.67	ug/l	100
74) N-amyl acetate	12.28	43	184274	52.48	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	131025	50.20	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	93720m	49.43	ug/l	
77) Bromobenzene	12.76	156	170179	47.37	ug/l	95
78) n-propylbenzene	12.81	91	896963	47.49	ug/l	99
79) 2-Chlorotoluene	12.90	91	511891	47.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	624743	48.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40876	49.61	ug/l	96
82) 4-Chlorotoluene	12.99	91	536603	47.39	ug/l	100
83) tert-Butylbenzene	13.21	119	525686	47.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	645294	48.45	ug/l	100
85) sec-Butylbenzene	13.39	105	772605	47.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	680480	47.04	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	345298	46.79	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	344468	46.95	ug/l	99
89) n-Butylbenzene	13.83	91	657133	46.60	ug/l	100
90) Hexachloroethane	14.10	117	123787	47.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	310596	48.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22726	51.74	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	216968	47.81	ug/l	99
94) Hexachlorobutadiene	15.25	225	123518	45.24	ug/l	99
95) Naphthalene	15.38	128	403052	52.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	193281	48.38	ug/l	99

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

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