

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003460.D
 Acq On : 23 Jun 2018 15:11
 Operator : SY/AP
 Sample : J3664-03MSD
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MSD

Manual Integrations
 APPROVED

apatel
 6/25/2018 7:12:35 PM

Quant Time: Jun 25 03:52:03 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	252931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	359672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148334	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.89	113	127847	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.33	98	516992	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	175208	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65719	85.94	ug/l	89
3) Chloromethane	2.21	50	92819	48.04	ug/l	95
4) Vinyl Chloride	2.36	62	133963	47.56	ug/l	98
5) Bromomethane	2.78	94	78742	42.06	ug/l	99
6) Chloroethane	2.92	64	85987	43.86	ug/l	93
7) Trichlorofluoromethane	3.26	101	93146	55.20	ug/l	97
8) Diethyl Ether	3.68	74	57998	46.79	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	112341	47.95	ug/l	99
10) Methyl Iodide	4.26	142	167103	47.16	ug/l	100
11) Tert butyl alcohol	5.25	59	38710	263.46	ug/l	100
12) 1,1-Dichloroethene	4.03	96	112192	49.00	ug/l	99
13) Acrolein	3.90	56	17366	82.67	ug/l	92
14) Allyl chloride	4.67	41	144633	36.47	ug/l	97
15) Acrylonitrile	5.38	53	132700	260.21	ug/l	99
16) Acetone	4.15	43	224220	390.23	ug/l	99
17) Carbon Disulfide	4.37	76	335652	49.59	ug/l	99
18) Methyl Acetate	4.68	43	110876	81.34	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	220881	51.51	ug/l	97
20) Methylene Chloride	4.91	84	123479	50.64	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	121436	48.73	ug/l	95
22) Diisopropyl ether	6.32	45	393552	49.30	ug/l	98
23) Vinyl Acetate	6.26	43	643202	139.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233553	49.29	ug/l	99
25) 2-Butanone	7.18	43	215110	301.07	ug/l	97
26) 2,2-Dichloropropane	7.17	77	152855	48.33	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	133770	48.87	ug/l	99
28) Bromochloromethane	7.51	49	110631	56.10	ug/l	98
29) Tetrahydrofuran	7.54	42	116328	266.40	ug/l	100
30) Chloroform	7.68	83	242593	50.25	ug/l	99
31) Cyclohexane	7.96	56	206282	46.60	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	197787	49.64	ug/l	99
36) 1,1-Dichloropropene	8.09	75	186967	48.85	ug/l	100
37) Ethyl Acetate	7.26	43	74433	46.94	ug/l	98
38) Carbon Tetrachloride	8.07	117	168110	44.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	214744	48.49	ug/l	99
40) Benzene	8.33	78	673634	63.85	ug/l	98
41) Methacrylonitrile	7.49	41	49049	50.41	ug/l	99
42) 1,2-Dichloroethane	8.40	62	162769	49.24	ug/l	99
43) Isopropyl Acetate	8.43	43	155082	49.26	ug/l	99
44) Trichloroethene	9.10	130	137227	49.09	ug/l	99
45) 1,2-Dichloropropane	9.37	63	132894	49.47	ug/l	98
46) Dibromomethane	9.46	93	69717	50.69	ug/l	98
47) Bromodichloromethane	9.65	83	162590	46.12	ug/l	98
48) Methyl methacrylate	9.44	41	81189	54.87	ug/l	97
49) 1,4-Dioxane	9.49	88	17238	830.14	ug/l	81
51) 4-Methyl-2-Pentanone	10.22	43	435900	271.71	ug/l	100
52) Toluene	10.39	92	356945	52.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160683	44.62	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	174844	42.66	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97399	50.26	ug/l	98
56) Ethyl methacrylate	10.65	69	120787	51.33	ug/l	97
57) 1,3-Dichloropropane	10.94	76	169308	50.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	278448	263.94	ug/l	99
59) 2-Hexanone	10.98	43	320288	285.78	ug/l	99
60) Dibromochloromethane	11.13	129	97045	42.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91070	49.68	ug/l	100
64) Tetrachloroethene	10.87	164	128362	53.36	ug/l	97
65) Chlorobenzene	11.66	112	1068186	142.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	125130	47.54	ug/l	99
67) Ethyl Benzene	11.74	91	664732	50.07	ug/l	100
68) m/p-Xylenes	11.85	106	493716	97.82	ug/l	99
69) o-Xylene	12.17	106	229323	49.03	ug/l	99
70) Styrene	12.19	104	375158	48.19	ug/l	100
71) Bromoform	12.35	173	51697	37.90	ug/l #	100
73) Isopropylbenzene	12.47	105	641499	53.79	ug/l	100
74) N-amyl acetate	12.28	43	101174	37.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	112975	56.00	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	80640m	55.02	ug/l	
77) Bromobenzene	12.76	156	142295	51.24	ug/l	98
78) n-propylbenzene	12.81	91	766653	52.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	425970	51.62	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	519805	51.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14585	22.90	ug/l #	79
82) 4-Chlorotoluene	12.99	91	442016	50.49	ug/l	100
83) tert-Butylbenzene	13.21	119	446534	52.35	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	534938	51.95	ug/l	100
85) sec-Butylbenzene	13.39	105	636179	50.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	557229	49.83	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	270292	47.38	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	266910	47.06	ug/l	99
89) n-Butylbenzene	13.84	91	505704	46.39	ug/l	100
90) Hexachloroethane	14.10	117	89199	44.09	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	244139	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18968	55.87	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	126084	35.94	ug/l	100
94) Hexachlorobutadiene	15.25	225	65500	31.04	ug/l	99
95) Naphthalene	15.38	128	259848	43.66	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	106613	34.52	ug/l	99

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

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