

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003465.D
 Acq On : 23 Jun 2018 17:20
 Operator : SY/AP
 Sample : J3664-08MSD
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MSD

Manual Integrations
 APPROVED

apatel
 6/25/2018 7:16:19 PM

Quant Time: Jun 25 03:57:49 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	253238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142396	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.88	113	135182	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
50) Toluene-d8	10.33	98	555144	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	
62) 4-Bromofluorobenzene	12.63	95	192188	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61571	80.42	ug/l	89
3) Chloromethane	2.21	50	92643	47.89	ug/l	97
4) Vinyl Chloride	2.36	62	131785	46.73	ug/l	99
5) Bromomethane	2.78	94	79358	42.34	ug/l	99
6) Chloroethane	2.92	64	84441	43.02	ug/l	97
7) Trichlorofluoromethane	3.25	101	89311	52.87	ug/l	96
8) Diethyl Ether	3.68	74	54066	43.57	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111118	47.37	ug/l	99
10) Methyl Iodide	4.26	142	170799	48.14	ug/l	99
11) Tert butyl alcohol	5.26	59	26818m	182.30	ug/l	
12) 1,1-Dichloroethene	4.03	96	108548	47.35	ug/l	97
13) Acrolein	3.90	56	18221	86.63	ug/l	96
14) Allyl chloride	4.66	41	191378	48.20	ug/l	100
15) Acrylonitrile	5.38	53	102060	199.89	ug/l	99
16) Acetone	4.15	43	132619	230.53	ug/l	94
17) Carbon Disulfide	4.37	76	322471	47.58	ug/l	99
18) Methyl Acetate	4.68	43	62020	45.44	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	199149	46.38	ug/l	97
20) Methylene Chloride	4.91	84	120895	49.43	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	120979	48.49	ug/l	99
22) Diisopropyl ether	6.31	45	393972	49.30	ug/l	98
23) Vinyl Acetate	6.26	43	930064	201.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	234014	49.32	ug/l	99
25) 2-Butanone	7.18	43	148898	208.15	ug/l	95
26) 2,2-Dichloropropane	7.17	77	148001	46.74	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132834	48.47	ug/l	99
28) Bromochloromethane	7.51	49	104989	53.18	ug/l	98
29) Tetrahydrofuran	7.54	42	87699	200.59	ug/l	99
30) Chloroform	7.68	83	239828	49.62	ug/l	100
31) Cyclohexane	7.96	56	204514	46.14	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	199589	50.03	ug/l	100
36) 1,1-Dichloropropene	8.09	75	189006	49.91	ug/l	100
37) Ethyl Acetate	7.26	43	62270	39.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	183377	49.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	214221	48.89	ug/l	98
40) Benzene	8.33	78	519743	49.79	ug/l	99
41) Methacrylonitrile	7.49	41	39460	40.98	ug/l	99
42) 1,2-Dichloroethane	8.40	62	149950	45.85	ug/l	99
43) Isopropyl Acetate	8.43	43	129979	41.72	ug/l	98
44) Trichloroethene	9.09	130	137028	49.54	ug/l	96
45) 1,2-Dichloropropane	9.37	63	131837	49.60	ug/l	98
46) Dibromomethane	9.46	93	61124	44.92	ug/l	98
47) Bromodichloromethane	9.65	83	170976	49.02	ug/l	99
48) Methyl methacrylate	9.44	41	63837	43.60	ug/l	96
49) 1,4-Dioxane	9.49	88	14916	725.94	ug/l	74
51) 4-Methyl-2-Pentanone	10.22	43	338478	213.22	ug/l	100
52) Toluene	10.39	92	335622	50.14	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	166146	46.63	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	195991	48.33	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	86262	44.98	ug/l	99
56) Ethyl methacrylate	10.65	69	105047	45.11	ug/l	99
57) 1,3-Dichloropropane	10.94	76	151459	45.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	238502	228.48	ug/l	98
59) 2-Hexanone	10.98	43	243905	219.94	ug/l	100
60) Dibromochloromethane	11.13	129	105544	46.28	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80241	44.24	ug/l	100
64) Tetrachloroethene	10.87	164	123455	51.49	ug/l	99
65) Chlorobenzene	11.66	112	371150	49.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	127471	48.59	ug/l	99
67) Ethyl Benzene	11.74	91	664472	50.21	ug/l	100
68) m/p-Xylenes	11.85	106	504539	100.30	ug/l	100
69) o-Xylene	12.17	106	235786	50.58	ug/l	100
70) Styrene	12.19	104	387376	49.92	ug/l	100
71) Bromoform	12.35	173	59841	44.01	ug/l	# 100
73) Isopropylbenzene	12.47	105	667210	50.73	ug/l	100
74) N-amyl acetate	12.28	43	126905	42.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	98234	44.15	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69270m	42.85	ug/l	
77) Bromobenzene	12.76	156	147674	48.21	ug/l	99
78) n-propylbenzene	12.81	91	825361	51.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	458698	50.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	560428	50.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29311	41.72	ug/l	99
82) 4-Chlorotoluene	12.99	91	473343	49.03	ug/l	100
83) tert-Butylbenzene	13.21	119	475821	50.57	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	574209	50.56	ug/l	100
85) sec-Butylbenzene	13.39	105	707145	50.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	617441	50.06	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	307316	48.84	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306012	48.92	ug/l	99
89) n-Butylbenzene	13.83	91	599258	49.84	ug/l	100
90) Hexachloroethane	14.10	117	108878	48.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	265076	48.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15641	41.77	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	176812	45.69	ug/l	99
94) Hexachlorobutadiene	15.25	225	103865	44.62	ug/l	98
95) Naphthalene	15.38	128	285115	43.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	148279	43.53	ug/l	100

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

