

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003459.D
 Acq On : 23 Jun 2018 14:45
 Operator : SY/AP
 Sample : J3664-02MS
 Misc : 6.87G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 6/25/2018 7:12:28 PM

Quant Time: Jun 25 03:49:06 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	248293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152630	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.88	113	132161	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.33	98	527804	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.63	95	188197	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54356	72.41	ug/l	90
3) Chloromethane	2.21	50	83812	44.19	ug/l	98
4) Vinyl Chloride	2.36	62	126329	45.69	ug/l	100
5) Bromomethane	2.78	94	75657	41.17	ug/l	97
6) Chloroethane	2.92	64	84611	43.96	ug/l	100
7) Trichlorofluoromethane	3.25	101	88385	53.36	ug/l	97
8) Diethyl Ether	3.68	74	58361	47.96	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111884	48.64	ug/l	98
10) Methyl Iodide	4.26	142	163620	47.04	ug/l	100
11) Tert butyl alcohol	5.24	59	39273m	272.29	ug/l	
12) 1,1-Dichloroethene	4.03	96	107369	47.77	ug/l	99
13) Acrolein	3.90	56	23961	116.19	ug/l	86
14) Allyl chloride	4.67	41	174005	44.69	ug/l	98
15) Acrylonitrile	5.38	53	134265	268.20	ug/l	99
16) Acetone	4.15	43	190498	337.73	ug/l	99
17) Carbon Disulfide	4.37	76	314484	47.33	ug/l	100
18) Methyl Acetate	4.68	43	94399	70.55	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	217739	51.72	ug/l	99
20) Methylene Chloride	4.91	84	123106	51.49	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115099	47.05	ug/l	99
22) Diisopropyl ether	6.32	45	390859	49.88	ug/l	99
23) Vinyl Acetate	6.26	43	963649	213.41	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226838	48.76	ug/l	98
25) 2-Butanone	7.18	43	209326	298.45	ug/l	96
26) 2,2-Dichloropropane	7.17	77	146773	47.28	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130432	48.54	ug/l	99
28) Bromochloromethane	7.51	49	116753	60.31	ug/l	98
29) Tetrahydrofuran	7.54	42	117559	274.25	ug/l	100
30) Chloroform	7.68	83	234449	49.47	ug/l	99
31) Cyclohexane	7.96	56	198668	45.72	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	189063	48.33	ug/l	99
36) 1,1-Dichloropropene	8.09	75	182396	49.93	ug/l	99
37) Ethyl Acetate	7.26	43	78520	51.88	ug/l	98
38) Carbon Tetrachloride	8.07	117	170310	47.53	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217088	51.36	ug/l	98
40) Benzene	8.33	78	649313	64.48	ug/l	99
41) Methacrylonitrile	7.49	41	50684	54.58	ug/l	98
42) 1,2-Dichloroethane	8.40	62	160271	50.80	ug/l	99
43) Isopropyl Acetate	8.43	43	159344	53.03	ug/l	100
44) Trichloroethene	9.09	130	132811	49.78	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130415	50.87	ug/l	97
46) Dibromomethane	9.46	93	69186	52.71	ug/l	97
47) Bromodichloromethane	9.65	83	167226	49.70	ug/l	100
48) Methyl methacrylate	9.45	41	79127	56.03	ug/l	99
49) 1,4-Dioxane	9.49	88	20644	1041.61	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	441886	288.58	ug/l	100
52) Toluene	10.40	92	344249	53.31	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	174396	50.74	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	192647	49.25	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97150	52.52	ug/l	98
56) Ethyl methacrylate	10.65	69	121152	53.94	ug/l	97
57) 1,3-Dichloropropane	10.94	76	166151	52.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280782	278.86	ug/l	98
59) 2-Hexanone	10.98	43	329560	308.09	ug/l	99
60) Dibromochloromethane	11.13	129	108443	49.30	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92504	52.87	ug/l	99
64) Tetrachloroethene	10.87	164	119790	50.56	ug/l	98
65) Chlorobenzene	11.66	112	1399064	189.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	126281	48.72	ug/l	100
67) Ethyl Benzene	11.74	91	660634	50.53	ug/l	100
68) m/p-Xylenes	11.85	106	491428	98.87	ug/l	99
69) o-Xylene	12.18	106	232519	50.48	ug/l	99
70) Styrene	12.19	104	383496	50.02	ug/l	100
71) Bromoform	12.35	173	63648	47.38	ug/l #	99
73) Isopropylbenzene	12.47	105	649468	51.34	ug/l	100
74) N-amyl acetate	12.28	43	138771	48.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	117735	55.01	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81664m	52.52	ug/l	
77) Bromobenzene	12.76	156	144460	49.03	ug/l	97
78) n-propylbenzene	12.81	91	780769	50.40	ug/l	100
79) 2-Chlorotoluene	12.90	91	433647	49.54	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	537226	50.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28019	41.47	ug/l	94
82) 4-Chlorotoluene	12.99	91	454444	48.94	ug/l	100
83) tert-Butylbenzene	13.21	119	449057	49.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	552545	50.59	ug/l	100
85) sec-Butylbenzene	13.39	105	653145	48.56	ug/l	100
86) p-Isopropyltoluene	13.51	119	571842	48.20	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	290506	48.00	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	286025	47.54	ug/l	99
89) n-Butylbenzene	13.83	91	547379	47.33	ug/l	100
90) Hexachloroethane	14.10	117	97434	45.40	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	264249	49.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19930	55.34	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	156456	42.04	ug/l	100
94) Hexachlorobutadiene	15.25	225	81236	36.29	ug/l	100
95) Naphthalene	15.38	128	307594	48.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134923	41.19	ug/l	100

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

