

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003637.D
 Acq On : 28 Jun 2018 14:40
 Operator : SY/AP
 Sample : J3709-03MSD
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01MSD

Manual Integrations
 APPROVED

apatel
 6/29/2018 1:59:07 PM

Quant Time: Jun 29 07:29:59 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	146459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	225280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	168982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102793	64.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.60%	
35) Dibromofluoromethane	7.89	113	83852	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
50) Toluene-d8	10.33	98	274976	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.62	95	69636	35.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26860m	60.66	ug/l	
3) Chloromethane	2.21	50	64490	57.65	ug/l	96
4) Vinyl Chloride	2.36	62	91231	55.94	ug/l	100
5) Bromomethane	2.78	94	57401	52.95	ug/l	93
6) Chloroethane	2.92	64	58985	51.96	ug/l	95
7) Trichlorofluoromethane	3.25	101	48418	49.56	ug/l	95
8) Diethyl Ether	3.68	74	47439	66.10	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63517	46.82	ug/l	99
10) Methyl Iodide	4.27	142	111002	54.10	ug/l	100
11) Tert butyl alcohol	5.25	59	33762	396.83	ug/l	97
12) 1,1-Dichloroethene	4.03	96	71825	54.17	ug/l	94
13) Acrolein	3.90	56	9227	75.85	ug/l	95
14) Allyl chloride	4.66	41	135266	58.90	ug/l	97
15) Acrylonitrile	5.38	53	121146	410.25	ug/l	99
16) Acetone	4.15	43	125480	377.14	ug/l	99
17) Carbon Disulfide	4.37	76	194603	49.65	ug/l	98
18) Methyl Acetate	4.68	43	143693	182.05	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	182003	73.29	ug/l	97
20) Methylene Chloride	4.92	84	93417	67.37	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	79475	55.08	ug/l	98
22) Diisopropyl ether	6.32	45	296552	64.16	ug/l	99
23) Vinyl Acetate	6.26	43	513103m	192.64	ug/l	
24) 1,1-Dichloroethane	6.21	63	159509	58.13	ug/l	97
25) 2-Butanone	7.18	43	161958	391.47	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96301	52.59	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	89235	56.30	ug/l	99
28) Bromochloromethane	7.51	49	80112	70.16	ug/l	97
29) Tetrahydrofuran	7.54	42	105092	415.63	ug/l	100
30) Chloroform	7.68	83	161573	57.80	ug/l	99
31) Cyclohexane	7.96	56	88691	34.60	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	118812	51.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	107261	49.30	ug/l	99
37) Ethyl Acetate	7.26	43	56742	62.96	ug/l	99
38) Carbon Tetrachloride	8.07	117	103037	48.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	60091	23.87	ug/l	98
40) Benzene	8.32	78	330404	55.10	ug/l	100
41) Methacrylonitrile	7.49	41	44498	80.45	ug/l	99
42) 1,2-Dichloroethane	8.40	62	123732	65.85	ug/l	98
43) Isopropyl Acetate	8.43	43	117824	65.84	ug/l	99
44) Trichloroethene	9.09	130	76446	48.11	ug/l	98
45) 1,2-Dichloropropane	9.37	63	89317	58.50	ug/l	100
46) Dibromomethane	9.46	93	51080	65.34	ug/l	99
47) Bromodichloromethane	9.65	83	115800	57.79	ug/l	98
48) Methyl methacrylate	9.45	41	75994	90.36	ug/l	93
49) 1,4-Dioxane	9.49	88	17944	1520.23	ug/l #	66
51) 4-Methyl-2-Pentanone	10.22	43	369270	404.93	ug/l	100
52) Toluene	10.39	92	184634	48.01	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	119184	58.23	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	132288	56.78	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	69467	63.06	ug/l	97
56) Ethyl methacrylate	10.65	69	76573	57.24	ug/l	99
57) 1,3-Dichloropropane	10.94	76	119780	63.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	216507	361.05	ug/l	97
59) 2-Hexanone	10.98	43	247291	388.17	ug/l	100
60) Dibromochloromethane	11.13	129	73419	56.04	ug/l	99
61) 1,2-Dibromoethane	11.24	107	63849	61.28	ug/l	99
64) Tetrachloroethene	10.87	164	49152	43.49	ug/l	97
65) Chlorobenzene	11.66	112	172499	49.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	70332	56.87	ug/l	98
67) Ethyl Benzene	11.74	91	291898	46.80	ug/l	100
68) m/p-Xylenes	11.85	106	218049	91.96	ug/l	99
69) o-Xylene	12.17	106	103469	47.08	ug/l	98
70) Styrene	12.19	104	169076	46.22	ug/l	99
71) Bromoform	12.35	173	40896	63.81	ug/l #	100
73) Isopropylbenzene	12.47	105	232478	60.90	ug/l	99
74) N-amyl acetate	12.28	43	65749	75.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	73704	114.13	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55834m	119.00	ug/l	
77) Bromobenzene	12.76	156	62209	69.98	ug/l	87
78) n-propylbenzene	12.81	91	253344	54.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	150654	57.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	173860	54.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	25061	122.91	ug/l	97
82) 4-Chlorotoluene	12.99	91	157464	56.19	ug/l	100
83) tert-Butylbenzene	13.21	119	131593	48.19	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	175875	53.36	ug/l	100
85) sec-Butylbenzene	13.39	105	160165	39.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	142777	39.88	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	88136	48.26	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	88213	48.59	ug/l	99
89) n-Butylbenzene	13.83	91	107053	30.68	ug/l	98
90) Hexachloroethane	14.10	117	24752	38.22	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	79195	49.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11079	101.94	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	26240	23.37	ug/l	100
94) Hexachlorobutadiene	15.25	225	11326	16.77	ug/l	99
95) Naphthalene	15.38	128	75571	39.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22197	22.45	ug/l	100

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

