

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003636.D
 Acq On : 28 Jun 2018 14:14
 Operator : SY/AP
 Sample : J3709-02MS
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 6/29/2018 10:22:07 AM

Quant Time: Jun 29 07:26:38 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	149831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104803	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.88	113	87253	60.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.02%	
50) Toluene-d8	10.33	98	290274	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	74102	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24520m	54.13	ug/l	
3) Chloromethane	2.21	50	62907	54.96	ug/l	95
4) Vinyl Chloride	2.36	62	92313	55.33	ug/l	97
5) Bromomethane	2.78	94	56313	50.78	ug/l	93
6) Chloroethane	2.92	64	57914	49.87	ug/l	98
7) Trichlorofluoromethane	3.25	101	50106	50.13	ug/l	100
8) Diethyl Ether	3.68	74	45717	62.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62625	45.12	ug/l	100
10) Methyl Iodide	4.26	142	114843	54.71	ug/l	99
11) Tert butyl alcohol	5.24	59	29445	338.30	ug/l	98
12) 1,1-Dichloroethene	4.03	96	72814	53.68	ug/l	97
13) Acrolein	3.90	56	8795	70.68	ug/l	95
14) Allyl chloride	4.66	41	137259	58.42	ug/l	99
15) Acrylonitrile	5.38	53	105357	348.75	ug/l	99
16) Acetone	4.15	43	133518	392.27	ug/l	99
17) Carbon Disulfide	4.37	76	198680	49.55	ug/l	100
18) Methyl Acetate	4.68	43	125650	155.61	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173992	68.49	ug/l	98
20) Methylene Chloride	4.91	84	93706	65.98	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	81983	55.54	ug/l	98
22) Diisopropyl ether	6.31	45	297772	62.98	ug/l	98
23) Vinyl Acetate	6.26	43	482837m	177.20	ug/l	
24) 1,1-Dichloroethane	6.21	63	165335	58.90	ug/l	98
25) 2-Butanone	7.19	43	148979	351.99	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99292	53.00	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	91419	56.38	ug/l	98
28) Bromochloromethane	7.51	49	78310	67.04	ug/l	97
29) Tetrahydrofuran	7.54	42	93225	360.40	ug/l	98
30) Chloroform	7.68	83	164765	57.61	ug/l	98
31) Cyclohexane	7.96	56	91216	34.78	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	124329	52.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110010	49.09	ug/l	99
37) Ethyl Acetate	7.26	43	51715	55.70	ug/l	100
38) Carbon Tetrachloride	8.07	117	105668	48.07	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62950	24.27	ug/l	96
40) Benzene	8.32	78	341860	55.34	ug/l	100
41) Methacrylonitrile	7.49	41	34968	61.37	ug/l	92
42) 1,2-Dichloroethane	8.40	62	122025	63.05	ug/l	98
43) Isopropyl Acetate	8.43	43	110611	60.00	ug/l	99
44) Trichloroethene	9.10	130	79170	48.36	ug/l	98
45) 1,2-Dichloropropane	9.37	63	91643	58.26	ug/l	100
46) Dibromomethane	9.46	93	48607	60.36	ug/l	98
47) Bromodichloromethane	9.65	83	116088	56.24	ug/l	99
48) Methyl methacrylate	9.44	41	69306	79.99	ug/l	93
49) 1,4-Dioxane	9.49	88	15575	1280.91	ug/l	79
51) 4-Methyl-2-Pentanone	10.22	43	330535	351.85	ug/l	100
52) Toluene	10.39	92	189864	47.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	117314	55.63	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	134494	56.04	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	67355	59.35	ug/l	98
56) Ethyl methacrylate	10.65	69	77646	56.35	ug/l	96
57) 1,3-Dichloropropane	10.94	76	117537	60.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	202739	328.20	ug/l	99
59) 2-Hexanone	10.98	43	223489	340.54	ug/l	99
60) Dibromochloromethane	11.13	129	71719	53.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	61427	57.23	ug/l	99
64) Tetrachloroethene	10.87	164	50153	43.71	ug/l	98
65) Chlorobenzene	11.66	112	177964	49.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	71731	57.14	ug/l	99
67) Ethyl Benzene	11.74	91	301731	47.65	ug/l	99
68) m/p-Xylenes	11.85	106	225525	93.69	ug/l	99
69) o-Xylene	12.17	106	106287	47.64	ug/l	99
70) Styrene	12.19	104	175432	47.24	ug/l	100
71) Bromoform	12.35	173	40759	62.65	ug/l #	99
73) Isopropylbenzene	12.47	105	241359	60.89	ug/l	100
74) N-amyl acetate	12.28	43	60740	67.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	69813	104.11	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	52182m	107.11	ug/l	
77) Bromobenzene	12.76	156	61910	67.07	ug/l	86
78) n-propylbenzene	12.81	91	260733	53.72	ug/l	99
79) 2-Chlorotoluene	12.90	91	156423	57.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	177945	53.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23342	110.25	ug/l	96
82) 4-Chlorotoluene	12.99	91	163322	56.13	ug/l	100
83) tert-Butylbenzene	13.21	119	138261	48.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	183139	53.51	ug/l	99
85) sec-Butylbenzene	13.40	105	169936	40.32	ug/l	99
86) p-Isopropyltoluene	13.51	119	148313	39.90	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	88496	46.67	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89378	47.41	ug/l	99
89) n-Butylbenzene	13.83	91	112388	31.02	ug/l	98
90) Hexachloroethane	14.10	117	25694	38.21	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	80638	48.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10449	92.59	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	26905	23.07	ug/l	98
94) Hexachlorobutadiene	15.24	225	12612	17.98	ug/l	98
95) Naphthalene	15.38	128	71165	35.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22326	21.75	ug/l	97

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

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