

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007657.D
 Acq On : 18 Dec 2018 14:43
 Operator : SY/AP
 Sample : J6353-02MS
 Misc : 6.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MS

Manual Integrations
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apatel
 12/19/2018 12:15:23 PM

Quant Time: Dec 19 04:48:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	33025	58.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.02%	
35) Dibromofluoromethane	7.88	113	24895	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.32	98	85632	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
62) 4-Bromofluorobenzene	12.62	95	25139	34.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	17131	47.775	ug/l	96
3) Chloromethane	2.21	50	16117	53.667	ug/l	96
4) Vinyl Chloride	2.37	62	20000	56.750	ug/l	96
5) Bromomethane	2.78	94	14456	61.050	ug/l	99
6) Chloroethane	2.93	64	11868	61.176	ug/l	97
7) Trichlorofluoromethane	3.26	101	17169	54.187	ug/l	96
8) Diethyl Ether	3.68	74	12716	51.277	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19204	36.732	ug/l	99
10) Methyl Iodide	4.26	142	50294	58.084	ug/l	98
11) Tert butyl alcohol	5.17	59	11936	305.290	ug/l	95
12) 1,1-Dichloroethene	4.03	96	28901	57.415	ug/l	95
13) Acrolein	3.89	56	5191	200.654	ug/l #	14
14) Allyl chloride	4.67	41	40959	55.203	ug/l	95
15) Acrylonitrile	5.37	53	30964	296.189	ug/l	96
16) Acetone	4.12	43	49158	494.369	ug/l	95
17) Carbon Disulfide	4.37	76	72092	47.235	ug/l	98
18) Methyl Acetate	4.67	43	22144	82.052	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	48209	63.486	ug/l #	1
20) Methylene Chloride	4.90	84	33674	62.941	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	31503	55.946	ug/l	98
22) Diisopropyl ether	6.31	45	81006	56.800	ug/l	94
23) Vinyl Acetate	6.31	43	45211	56.676	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	58260	60.442	ug/l	99
25) 2-Butanone	7.17	43	46092	355.063	ug/l	97
26) 2,2-Dichloropropane	7.16	77	36753	57.613	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	36446	59.112	ug/l	99
28) Bromochloromethane	7.51	49	20571	56.738	ug/l	98
29) Tetrahydrofuran	7.52	42	23808	289.703	ug/l	95
30) Chloroform	7.68	83	65561	62.502	ug/l	97
31) Cyclohexane	7.95	56	41257	46.652	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	49005	53.274	ug/l	99
36) 1,1-Dichloropropene	8.08	75	36436	45.203	ug/l	100
37) Ethyl Acetate	7.26	43	12877	42.952	ug/l	98
38) Carbon Tetrachloride	8.07	117	39527	45.068	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	32624	33.425	ug/l	98
40) Benzene	8.32	78	149043	66.628	ug/l	99
41) Methacrylonitrile	7.48	41	10169	59.565	ug/l	95
42) 1,2-Dichloroethane	8.40	62	43710	62.204	ug/l	96
43) Isopropyl Acetate	8.43	43	32022	54.073	ug/l	99
44) Trichloroethene	9.09	130	49953	78.201	ug/l	99
45) 1,2-Dichloropropane	9.37	63	28612	55.273	ug/l	97
46) Dibromomethane	9.46	93	17332	58.959	ug/l	98
47) Bromodichloromethane	9.65	83	45922	59.555	ug/l	94
48) Methyl methacrylate	9.43	41	16506	54.271	ug/l	95
49) 1,4-Dioxane	9.45	88	5571	1167.970	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	92097	329.139	ug/l	100
52) Toluene	10.39	92	513437	354.676	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	42915	57.328	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	49129	56.772	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	27355	68.372	ug/l	94
56) Ethyl methacrylate	10.65	69	28664	59.606	ug/l	98
57) 1,3-Dichloropropane	10.93	76	38438	58.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	74905	337.771	ug/l	98
59) 2-Hexanone	10.97	43	65219	349.553	ug/l	98
60) Dibromochloromethane	11.13	129	29399	58.226	ug/l	99
61) 1,2-Dibromoethane	11.24	107	22252	56.280	ug/l	99
64) Tetrachloroethene	10.87	164	27453	63.218	ug/l	93
65) Chlorobenzene	11.66	112	67626	53.729	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	27033	60.982	ug/l	97
67) Ethyl Benzene	11.73	91	388086	179.339	ug/l	92
68) m/p-Xylenes	11.84	106	450780	535.838	ug/l	98
69) o-Xylene	12.17	106	203774	259.359	ug/l	95
70) Styrene	12.18	104	100735	79.379	ug/l #	77
71) Bromoform	12.35	173	14955	65.910	ug/l #	96
73) Isopropylbenzene	12.47	105	87063	67.981	ug/l	99
74) N-amyl acetate	12.27	43	18200	78.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	8311	43.815	ug/l	89
76) 1,2,3-Trichloropropane	12.77	75	21667m	157.222	ug/l	
77) Bromobenzene	12.75	156	22867	80.552	ug/l	91
78) n-propylbenzene	12.81	91	153332	106.385	ug/l	100
79) 2-Chlorotoluene	12.90	91	55611m	63.767	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	171083	158.985	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	7725	123.825	ug/l	95
82) 4-Chlorotoluene	12.99	91	50604	55.047	ug/l	96
83) tert-Butylbenzene	13.21	119	31576	33.301	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	476414	430.226	ug/l	99
85) sec-Butylbenzene	13.39	105	38236	29.540	ug/l	100
86) p-Isopropyltoluene	13.51	119	34607	29.761	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	28271	49.949	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29456	51.767	ug/l	98
89) n-Butylbenzene	13.83	91	36026	33.419	ug/l #	77
90) Hexachloroethane	14.10	117	8240	39.825	ug/l	74
91) 1,2-Dichlorobenzene	13.88	146	28119	55.468	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4155	109.153	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	7668	21.979	ug/l	91
94) Hexachlorobutadiene	15.24	225	1961	10.594	ug/l	98
95) Naphthalene	15.38	128	61463	92.093	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	7490	24.715	ug/l	90

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

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