

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007482.D
 Acq On : 13 Dec 2018 12:35
 Operator : SY/AP
 Sample : J6357-02MS
 Misc : 4.47G/5ML/MSVOA W/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 11:24:26 AM

Quant Time: Dec 13 15:33:50 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	72913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40613	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.88	113	37287	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.32	98	135711	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	45642	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20811	40.844	ug/l	98
3) Chloromethane	2.21	50	20321	47.621	ug/l	95
4) Vinyl Chloride	2.37	62	24615	49.154	ug/l	98
5) Bromomethane	2.78	94	17136	50.930	ug/l	93
6) Chloroethane	2.93	64	13959	50.638	ug/l	99
7) Trichlorofluoromethane	3.26	101	20413	45.340	ug/l	93
8) Diethyl Ether	3.68	74	18450	52.359	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	36083	48.572	ug/l	99
10) Methyl Iodide	4.26	142	61531	50.010	ug/l	98
11) Tert butyl alcohol	5.17	59	13795	248.312	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	34961	48.879	ug/l	97
13) Acrolein	3.89	56	4915	133.704	ug/l	96
14) Allyl chloride	4.66	41	51733	49.069	ug/l	99
15) Acrylonitrile	5.36	53	41344	278.321	ug/l	99
16) Acetone	4.12	43	42562	301.233	ug/l	97
17) Carbon Disulfide	4.37	76	98570	45.451	ug/l	99
18) Methyl Acetate	4.67	43	34320	89.495	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	59757	55.381	ug/l	100
20) Methylene Chloride	4.91	84	40457	52.561	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	38821	48.519	ug/l	98
22) Diisopropyl ether	6.31	45	105896	52.255	ug/l	97
23) Vinyl Acetate	6.26	43	56366	49.727	ug/l	95
24) 1,1-Dichloroethane	6.21	63	69531	50.766	ug/l	99
25) 2-Butanone	7.17	43	54179	293.720	ug/l	99
26) 2,2-Dichloropropane	7.16	77	39237	43.286	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	43990	50.211	ug/l	97
28) Bromochloromethane	7.51	49	27374	53.134	ug/l #	4
29) Tetrahydrofuran	7.52	42	33049	283.016	ug/l	98
30) Chloroform	7.68	83	76615	51.402	ug/l	95
31) Cyclohexane	7.95	56	53860	42.861	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	65410	50.043	ug/l	100
36) 1,1-Dichloropropene	8.08	75	54462	47.551	ug/l	99
37) Ethyl Acetate	7.24	43	18867	44.290	ug/l	99
38) Carbon Tetrachloride	8.07	117	61789	49.582	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58125	41.911	ug/l	95
40) Benzene	8.32	78	159818	50.281	ug/l	98
41) Methacrylonitrile	7.48	41	13289	54.782	ug/l	96
42) 1,2-Dichloroethane	8.40	62	52475	52.556	ug/l	99
43) Isopropyl Acetate	8.43	43	40643	48.301	ug/l	98
44) Trichloroethene	9.09	130	45078	49.665	ug/l	98
45) 1,2-Dichloropropane	9.37	63	38263	52.020	ug/l	98
46) Dibromomethane	9.46	93	21951	52.552	ug/l	98
47) Bromodichloromethane	9.65	83	57079	52.096	ug/l	95
48) Methyl methacrylate	9.43	41	26388	61.061	ug/l	99
49) 1,4-Dioxane	9.45	88	7420	1094.799	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	114443	287.843	ug/l	99
52) Toluene	10.39	92	102557	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51877	48.771	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	59468	48.363	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	32791	57.681	ug/l	95
56) Ethyl methacrylate	10.65	69	34188	50.033	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52446	56.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94689	300.499	ug/l	100
59) 2-Hexanone	10.97	43	80972	305.425	ug/l	99
60) Dibromochloromethane	11.13	129	38418	53.549	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30332	53.990	ug/l	97
64) Tetrachloroethene	10.86	164	50554	65.269	ug/l	94
65) Chlorobenzene	11.66	112	110531	49.236	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42014	53.138	ug/l	99
67) Ethyl Benzene	11.73	91	191650	49.655	ug/l	94
68) m/p-Xylenes	11.84	106	144267	96.148	ug/l	98
69) o-Xylene	12.17	106	71887	51.299	ug/l	97
70) Styrene	12.18	104	112690	49.787	ug/l	98
71) Bromoform	12.35	173	21521	53.178	ug/l #	100
73) Isopropylbenzene	12.47	105	186857	56.084	ug/l	98
74) N-amyl acetate	12.27	43	20409	33.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	33553	67.994	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	20908m	58.317	ug/l	
77) Bromobenzene	12.75	156	42539	57.600	ug/l	94
78) n-propylbenzene	12.81	91	199143	53.111	ug/l	99
79) 2-Chlorotoluene	12.90	91	125270	55.214	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	151942	54.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9807	60.425	ug/l	93
82) 4-Chlorotoluene	12.99	91	120522	50.395	ug/l	97
83) tert-Butylbenzene	13.21	119	128877	52.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	153077	53.136	ug/l	99
85) sec-Butylbenzene	13.39	105	165111	49.032	ug/l	96
86) p-Isopropyltoluene	13.51	119	147117	48.631	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	71690	48.687	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	70164	47.398	ug/l	98
89) n-Butylbenzene	13.83	91	111957	39.921	ug/l	98
90) Hexachloroethane	14.10	117	25895	48.108	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	69775	52.907	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6367	64.294	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31432	34.632	ug/l	96
94) Hexachlorobutadiene	15.24	225	12781	26.541	ug/l	98
95) Naphthalene	15.38	128	87911	50.632	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	29334	37.206	ug/l	97

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

