

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW02219\
 Data File : VW008785.D
 Acq On : 22 Feb 2019 12:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2019 10:52:53 AM

Quant Time: Feb 23 03:30:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	476465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155027	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.88	113	147665	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	601019	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.62	95	222481	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	168580	48.658	ug/l 99
3) Chloromethane	2.21	50	213591	50.646	ug/l 100
4) Vinyl Chloride	2.36	62	218445	48.921	ug/l 100
5) Bromomethane	2.76	94	165535	49.911	ug/l 99
6) Chloroethane	2.92	64	149219	47.061	ug/l 99
7) Trichlorofluoromethane	3.26	101	279713	49.530	ug/l 97
8) Diethyl Ether	3.68	74	80209	44.862	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	165835	48.356	ug/l 99
10) Methyl Iodide	4.27	142	221723	51.702	ug/l 99
11) Tert butyl alcohol	5.18	59	54380	188.273	ug/l 99
12) 1,1-Dichloroethene	4.04	96	148465	49.019	ug/l 99
13) Acrolein	3.90	56	70140	231.790	ug/l 96
14) Allyl chloride	4.67	41	250903	47.999	ug/l 98
15) Acrylonitrile	5.37	53	174711	227.691	ug/l 98
16) Acetone	4.13	43	180121	239.517	ug/l 99
17) Carbon Disulfide	4.38	76	495958	49.354	ug/l 96
18) Methyl Acetate	4.68	43	78122	43.797	ug/l 96
19) Methyl tert-butyl Ether	5.43	73	374971	45.741	ug/l 98
20) Methylene Chloride	4.91	84	167844	44.774	ug/l 99
21) trans-1,2-Dichloroethene	5.43	96	166535	47.535	ug/l 89
22) Diisopropyl ether	6.31	45	489410	46.934	ug/l 98
23) Vinyl Acetate	6.26	43	1513650	234.941	ug/l 98
24) 1,1-Dichloroethane	6.21	63	283554	46.927	ug/l 98
25) 2-Butanone	7.17	43	243082	231.205	ug/l 98
26) 2,2-Dichloropropane	7.17	77	267023	48.675	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	175620	46.862	ug/l 99
28) Bromochloromethane	7.51	49	108310	42.834	ug/l 99
29) Tetrahydrofuran	7.53	42	148698	221.934	ug/l 98
30) Chloroform	7.67	83	288903	46.606	ug/l 97
31) Cyclohexane	7.95	56	290666	47.522	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	271536	48.168	ug/l 99
36) 1,1-Dichloropropene	8.08	75	243505	52.501	ug/l 99
37) Ethyl Acetate	7.25	43	103791	48.122	ug/l 99
38) Carbon Tetrachloride	8.07	117	251475	51.413	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	302525	52.293	ug/l	98
40) Benzene	8.32	78	646813	51.077	ug/l	99
41) Methacrylonitrile	7.48	41	59162	46.665	ug/l	96
42) 1,2-Dichloroethane	8.40	62	192165	47.904	ug/l	99
43) Isopropyl Acetate	8.42	43	204777	47.572	ug/l	99
44) Trichloroethene	9.09	130	185364	51.961	ug/l	96
45) 1,2-Dichloropropane	9.37	63	153152	48.941	ug/l	98
46) Dibromomethane	9.46	93	81732	46.955	ug/l	99
47) Bromodichloromethane	9.64	83	209473	49.462	ug/l	97
48) Methyl methacrylate	9.43	41	97043	47.071	ug/l	99
49) 1,4-Dioxane	9.45	88	24392	875.057	ug/l #	71
51) 4-Methyl-2-Pentanone	10.21	43	530512	242.749	ug/l	100
52) Toluene	10.38	92	444558	51.727	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	214629	49.722	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	248923	50.562	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	114704	48.591	ug/l	96
56) Ethyl methacrylate	10.65	69	153829	50.158	ug/l	98
57) 1,3-Dichloropropane	10.93	76	200145	48.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	363561	235.699	ug/l	99
59) 2-Hexanone	10.97	43	391438	251.618	ug/l	99
60) Dibromochloromethane	11.13	129	140964	48.958	ug/l	98
61) 1,2-Dibromoethane	11.23	107	113691	48.656	ug/l	100
64) Tetrachloroethene	10.86	164	167459	51.515	ug/l	97
65) Chlorobenzene	11.66	112	483383	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	157903	48.906	ug/l	98
67) Ethyl Benzene	11.73	91	887863	52.013	ug/l	98
68) m/p-Xylenes	11.84	106	705679	103.466	ug/l	99
69) o-Xylene	12.16	106	327250	51.119	ug/l	98
70) Styrene	12.18	104	527776	51.244	ug/l	99
71) Bromoform	12.35	173	84961	48.954	ug/l #	100
73) Isopropylbenzene	12.46	105	905787	53.977	ug/l	100
74) N-amyl acetate	12.27	43	211644	50.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	134212	48.948	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	95779m	47.392	ug/l	
77) Bromobenzene	12.75	156	206640	52.109	ug/l	98
78) n-propylbenzene	12.80	91	1102465	53.708	ug/l	99
79) 2-Chlorotoluene	12.90	91	606083	52.005	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	756278	51.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42878	51.578	ug/l	98
82) 4-Chlorotoluene	12.99	91	641661	52.247	ug/l	99
83) tert-Butylbenzene	13.21	119	666225	52.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	774959	51.336	ug/l	100
85) sec-Butylbenzene	13.38	105	962375	53.079	ug/l	100
86) p-Isopropyltoluene	13.50	119	859786	51.728	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	415604	50.514	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	415115	51.193	ug/l	100
89) n-Butylbenzene	13.83	91	813838	52.264	ug/l	99
90) Hexachloroethane	14.10	117	145600	53.510	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	367044	50.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24273	48.937	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263537	49.893	ug/l	98
94) Hexachlorobutadiene	15.24	225	159774	51.353	ug/l	99
95) Naphthalene	15.37	128	450342	50.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	227871	49.896	ug/l	100

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

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