

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008142.D
 Acq On : 10 Jan 2019 11:40
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:31 PM

Quant Time: Jan 11 05:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38749	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.88	113	36795	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.32	98	157867	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.62	95	52868	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31558	54.850	ug/l	97
3) Chloromethane	2.21	50	39105	52.389	ug/l	99
4) Vinyl Chloride	2.37	62	52858	54.257	ug/l	97
5) Bromomethane	2.79	94	36110	49.480	ug/l	98
6) Chloroethane	2.93	64	34362	46.873	ug/l	99
7) Trichlorofluoromethane	3.26	101	41423	52.301	ug/l	93
8) Diethyl Ether	3.68	74	20961	46.815	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40323	51.279	ug/l	97
10) Methyl Iodide	4.26	142	56672	49.450	ug/l	100
11) Tert butyl alcohol	5.21	59	11429	233.656	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	37708	48.843	ug/l	96
13) Acrolein	3.89	56	14567	276.308	ug/l	100
14) Allyl chloride	4.67	41	70823	50.526	ug/l	99
15) Acrylonitrile	5.37	53	42720	250.611	ug/l	99
16) Acetone	4.14	43	40730	289.306	ug/l	96
17) Carbon Disulfide	4.37	76	123257	51.107	ug/l	98
18) Methyl Acetate	4.67	43	25265	50.451	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	59687	47.555	ug/l	98
20) Methylene Chloride	4.91	84	40272	51.796	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	42755	50.961	ug/l	97
22) Diisopropyl ether	6.31	45	137175	51.313	ug/l	99
23) Vinyl Acetate	6.25	43	352700	251.210	ug/l	100
24) 1,1-Dichloroethane	6.21	63	78397	50.332	ug/l	100
25) 2-Butanone	7.17	43	55863	253.401	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52645	49.882	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	45977	50.228	ug/l	98
28) Bromochloromethane	7.51	49	30230	49.068	ug/l	99
29) Tetrahydrofuran	7.53	42	36046	244.779	ug/l	99
30) Chloroform	7.67	83	75233	50.743	ug/l	100
31) Cyclohexane	7.95	56	79881	47.906	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	65834	51.032	ug/l	99
36) 1,1-Dichloropropene	8.08	75	64649	51.095	ug/l	99
37) Ethyl Acetate	7.26	43	24264	47.867	ug/l	98
38) Carbon Tetrachloride	8.07	117	59371	51.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82916	51.682	ug/l	91
40) Benzene	8.32	78	177748	51.795	ug/l	100
41) Methacrylonitrile	7.49	41	15783	49.289	ug/l	96
42) 1,2-Dichloroethane	8.40	62	47635	49.352	ug/l	100
43) Isopropyl Acetate	8.42	43	49009	48.356	ug/l	99
44) Trichloroethene	9.09	130	44396	50.537	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44668	52.493	ug/l	96
46) Dibromomethane	9.46	93	20734	49.615	ug/l	99
47) Bromodichloromethane	9.65	83	54850	51.690	ug/l	98
48) Methyl methacrylate	9.44	41	24401	51.024	ug/l	98
49) 1,4-Dioxane	9.47	88	6627	986.077	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	120280	245.174	ug/l	99
52) Toluene	10.39	92	112338	51.257	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	54720	49.576	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66605	50.888	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	30241	51.542	ug/l	97
56) Ethyl methacrylate	10.65	69	37209	51.209	ug/l	96
57) 1,3-Dichloropropane	10.93	76	52986	49.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90090	240.028	ug/l	100
59) 2-Hexanone	10.97	43	86660	261.213	ug/l	97
60) Dibromochloromethane	11.13	129	33398	51.837	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28320	50.869	ug/l	99
64) Tetrachloroethene	10.86	164	35647	49.211	ug/l	96
65) Chlorobenzene	11.66	112	118493	50.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	39116	51.001	ug/l	98
67) Ethyl Benzene	11.73	91	220231	51.043	ug/l	97
68) m/p-Xylenes	11.84	106	168719	102.450	ug/l	98
69) o-Xylene	12.17	106	78179	51.263	ug/l	96
70) Styrene	12.18	104	124742	52.221	ug/l	99
71) Bromoform	12.35	173	17979	52.377	ug/l #	97
73) Isopropylbenzene	12.47	105	214019	51.722	ug/l	99
74) N-amyl acetate	12.27	43	45049	49.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33070	49.930	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24493m	50.977	ug/l	
77) Bromobenzene	12.75	156	44482	50.875	ug/l	94
78) n-propylbenzene	12.81	91	263093	51.891	ug/l	100
79) 2-Chlorotoluene	12.90	91	142710	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	173569	51.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10705	51.884	ug/l	98
82) 4-Chlorotoluene	12.99	91	147388	49.473	ug/l	100
83) tert-Butylbenzene	13.21	119	152699	50.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	177050	50.484	ug/l	99
85) sec-Butylbenzene	13.39	105	225690	51.216	ug/l	99
86) p-Isopropyltoluene	13.51	119	195655	51.416	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	89778	50.619	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	88723	49.859	ug/l	98
89) n-Butylbenzene	13.83	91	194077	52.073	ug/l	99
90) Hexachloroethane	14.10	117	33993	52.887	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	76992	49.394	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5277	49.507	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	53107	51.317	ug/l	99
94) Hexachlorobutadiene	15.24	225	30763	55.539	ug/l	98
95) Naphthalene	15.38	128	96906	50.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45047	51.062	ug/l	98

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

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