

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009253.D
 Acq On : 24 Jan 2019 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:11 AM

Quant Time: Jan 24 22:44:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	95697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	162747	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	147019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	74595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	53941	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	4.64	113	49992	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	7.35	98	196486	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	10.12	95	73032	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	31154	40.247	ug/l	95
3) Chloromethane	1.25	50	48595	46.638	ug/l	99
4) Vinyl Chloride	1.32	62	51515	43.515	ug/l	100
5) Bromomethane	1.53	94	29347	43.711	ug/l	97
6) Chloroethane	1.60	64	28519	43.101	ug/l	97
7) Trichlorofluoromethane	1.76	101	26421	31.800	ug/l	95
8) Diethyl Ether	1.96	74	25298	48.414	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	45863	44.426	ug/l	99
10) Methyl Iodide	2.25	142	76096	46.183	ug/l	98
11) Tert butyl alcohol	2.65	59	18952	271.358	ug/l	97
12) 1,1-Dichloroethene	2.14	96	46053	45.436	ug/l	94
13) Acrolein	2.05	56	11443	184.956	ug/l	95
14) Allyl chloride	2.42	41	74846	42.845	ug/l	97
15) Acrylonitrile	2.76	53	55821	246.619	ug/l	99
16) Acetone	2.17	43	68261	215.581	ug/l	100
17) Carbon Disulfide	2.32	76	129575	41.791	ug/l	96
18) Methyl Acetate	2.44	43	37282	44.083	ug/l	99
19) Methyl tert-butyl Ether	2.79	73	73291	46.583	ug/l	100
20) Methylene Chloride	2.52	84	50970	48.565	ug/l	94
21) trans-1,2-Dichloroethene	2.78	96	49324	45.167	ug/l	93
22) Diisopropyl ether	3.32	45	170276	45.776	ug/l	98
23) Vinyl Acetate	3.30	43	492833	244.178	ug/l	99
24) 1,1-Dichloroethane	3.22	63	104618	45.205	ug/l	98
25) 2-Butanone	4.01	43	91989	254.056	ug/l	98
26) 2,2-Dichloropropane	3.94	77	55779	42.826	ug/l	96
27) cis-1,2-Dichloroethene	3.95	96	63087	47.801	ug/l	96
28) Bromochloromethane	4.28	49	42590	49.869	ug/l	97
29) Tetrahydrofuran	4.38	42	52912	268.680	ug/l	97
30) Chloroform	4.41	83	107748	46.356	ug/l	97
31) Cyclohexane	4.72	56	89494	42.360	ug/l	96
32) 1,1,1-Trichloroethane	4.65	97	85033	43.405	ug/l	99
36) 1,1-Dichloropropene	4.87	75	79155	43.806	ug/l	99
37) Ethyl Acetate	4.12	43	37059	53.366	ug/l	98
38) Carbon Tetrachloride	4.87	117	80025	44.238	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	95741	44.744	ug/l	98
40) Benzene	5.14	78	233628	46.228	ug/l	99
41) Methacrylonitrile	4.31	41	21189	50.628	ug/l	97
42) 1,2-Dichloroethane	5.17	62	70324	44.461	ug/l	97
43) Isopropyl Acetate	5.32	43	69928	51.194	ug/l	98
44) Trichloroethene	5.95	130	63129	47.470	ug/l	95
45) 1,2-Dichloropropane	6.22	63	59305	48.785	ug/l	99
46) Dibromomethane	6.35	93	31085	49.834	ug/l	97
47) Bromodichloromethane	6.55	83	78209	47.448	ug/l	97
48) Methyl methacrylate	6.41	41	35652	51.150	ug/l	99
49) 1,4-Dioxane	6.41	88	9108	1146.279	ug/l	93
51) 4-Methyl-2-Pentanone	7.27	43	182831	263.743	ug/l	100
52) Toluene	7.43	92	150927	47.211	ug/l	98
53) t-1,3-Dichloropropene	7.69	75	77520	48.321	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	88919	48.135	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	43527	49.526	ug/l	99
56) Ethyl methacrylate	7.83	69	52408	51.183	ug/l	99
57) 1,3-Dichloropropane	8.05	76	77441	48.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	3183	198.922	ug/l	98
59) 2-Hexanone	8.18	43	133757	266.772	ug/l	99
60) Dibromochloromethane	8.29	129	51577	50.122	ug/l	100
61) 1,2-Dibromoethane	8.40	107	43076	50.120	ug/l	100
64) Tetrachloroethene	8.02	164	49568	47.379	ug/l	98
65) Chlorobenzene	8.92	112	164692	48.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	57201	48.934	ug/l	98
67) Ethyl Benzene	9.05	91	286297	46.985	ug/l	99
68) m/p-Xylenes	9.18	106	221146	95.599	ug/l	97
69) o-Xylene	9.59	106	104803	48.866	ug/l	97
70) Styrene	9.60	104	171716	50.168	ug/l	98
71) Bromoform	9.77	173	29389	53.315	ug/l #	98
73) Isopropylbenzene	9.97	105	290790	47.207	ug/l	100
74) N-amyl acetate	9.84	43	61145	53.679	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	52721	50.768	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	41001m	50.204	ug/l	
77) Bromobenzene	10.26	156	64397	48.877	ug/l	96
78) n-propylbenzene	10.40	91	339655	46.513	ug/l	99
79) 2-Chlorotoluene	10.47	91	200234	45.445	ug/l	98
80) 1,3,5-Trimethylbenzene	10.58	105	242823	47.004	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	15176	52.586	ug/l	99
82) 4-Chlorotoluene	10.58	91	240946	46.428	ug/l	99
83) tert-Butylbenzene	10.91	119	233271	47.422	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	247882	47.566	ug/l	99
85) sec-Butylbenzene	11.13	105	299001	46.408	ug/l	100
86) p-Isopropyltoluene	11.29	119	266084	47.167	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	131460	48.054	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	132763	48.005	ug/l	99
89) n-Butylbenzene	11.70	91	253045	46.212	ug/l	99
90) Hexachloroethane	11.95	117	47293	47.143	ug/l	96
91) 1,2-Dichlorobenzene	11.69	146	115301	47.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8986	51.543	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	79452	51.109	ug/l	100
94) Hexachlorobutadiene	13.49	225	44500	46.186	ug/l	99
95) Naphthalene	13.55	128	152473	56.724	ug/l	99
96) 1,2,3-Trichlorobenzene	13.80	180	68783	52.251	ug/l	99

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

