

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011819\
 Data File : VV009227.D
 Acq On : 18 Jan 2019 18:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:45:49 AM

Quant Time: Jan 19 03:51:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 19 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	92588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	163445	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	153109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	78080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	64216	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	4.64	113	55370	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	7.36	98	212044	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	10.12	95	84341	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35039	47.180	ug/l 98
3) Chloromethane	1.25	50	53323	49.256	ug/l 100
4) Vinyl Chloride	1.33	62	50882	49.508	ug/l 99
5) Bromomethane	1.53	94	33431	48.372	ug/l 99
6) Chloroethane	1.60	64	31838	48.339	ug/l 100
7) Trichlorofluoromethane	1.76	101	29499	48.994	ug/l 98
8) Diethyl Ether	1.96	74	25666	49.655	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.14	101	44038	46.879	ug/l 96
10) Methyl Iodide	2.26	142	75150	48.512	ug/l 99
11) Tert butyl alcohol	2.66	59	21122	271.260	ug/l 99
12) 1,1-Dichloroethene	2.14	96	44198	46.895	ug/l 95
13) Acrolein	2.06	56	16193	241.669	ug/l 100
14) Allyl chloride	2.42	41	78854	47.324	ug/l 98
15) Acrylonitrile	2.76	53	54995	246.897	ug/l 99
16) Acetone	2.18	43	63758	234.748	ug/l 98
17) Carbon Disulfide	2.32	76	134385	47.756	ug/l 100
18) Methyl Acetate	2.45	43	36388	46.278	ug/l 98
19) Methyl tert-butyl Ether	2.80	73	73987	49.473	ug/l 100
20) Methylene Chloride	2.53	84	49901	48.462	ug/l 95
21) trans-1,2-Dichloroethene	2.78	96	47343	46.298	ug/l 98
22) Diisopropyl ether	3.32	45	184726	49.220	ug/l 99
23) Vinyl Acetate	3.30	43	516598	249.905	ug/l 99
24) 1,1-Dichloroethane	3.22	63	107652	47.698	ug/l 100
25) 2-Butanone	4.01	43	87416	243.214	ug/l 97
26) 2,2-Dichloropropane	3.95	77	58858	50.048	ug/l 100
27) cis-1,2-Dichloroethene	3.95	96	63758	49.101	ug/l 100
28) Bromochloromethane	4.29	49	45826	51.909	ug/l 98
29) Tetrahydrofuran	4.39	42	54576	260.726	ug/l 97
30) Chloroform	4.42	83	113105	47.943	ug/l 96
31) Cyclohexane	4.72	56	91137	45.680	ug/l 97
32) 1,1,1-Trichloroethane	4.65	97	90147	48.358	ug/l 99
36) 1,1-Dichloropropene	4.87	75	81332	46.805	ug/l 98
37) Ethyl Acetate	4.12	43	37534	51.056	ug/l 99
38) Carbon Tetrachloride	4.87	117	83829	48.643	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	97696	49.059	ug/l	98
40) Benzene	5.14	78	234530	47.583	ug/l	98
41) Methacrylonitrile	4.30	41	22191	51.752	ug/l	96
42) 1,2-Dichloroethane	5.17	62	80229	48.149	ug/l	99
43) Isopropyl Acetate	5.32	43	75674	51.927	ug/l	100
44) Trichloroethene	5.96	130	60255	47.680	ug/l	100
45) 1,2-Dichloropropane	6.22	63	58297	48.133	ug/l	100
46) Dibromomethane	6.35	93	32452	49.300	ug/l	99
47) Bromodichloromethane	6.55	83	83847	48.555	ug/l	98
48) Methyl methacrylate	6.42	41	37590	50.507	ug/l	99
49) 1,4-Dioxane	6.41	88	10140	1176.928	ug/l	94
51) 4-Methyl-2-Pentanone	7.27	43	193430	263.747	ug/l	100
52) Toluene	7.43	92	151523	49.004	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	83384	49.611	ug/l	97
54) cis-1,3-Dichloropropene	7.07	75	95476	50.207	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	43775	49.079	ug/l	97
56) Ethyl methacrylate	7.83	69	55999	51.703	ug/l	99
57) 1,3-Dichloropropane	8.05	76	81067	49.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	2226	106.266	ug/l #	84
59) 2-Hexanone	8.18	43	138023	254.799	ug/l	98
60) Dibromochloromethane	8.29	129	54909	51.503	ug/l	99
61) 1,2-Dibromoethane	8.40	107	44814	50.702	ug/l	100
64) Tetrachloroethene	8.02	164	49476	48.843	ug/l	98
65) Chlorobenzene	8.93	112	165245	48.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	58639	49.401	ug/l	99
67) Ethyl Benzene	9.05	91	296011	48.578	ug/l	100
68) m/p-Xylenes	9.18	106	224566	98.662	ug/l	99
69) o-Xylene	9.59	106	106900	50.135	ug/l	99
70) Styrene	9.60	104	176278	50.508	ug/l	99
71) Bromoform	9.77	173	29899	51.604	ug/l #	99
73) Isopropylbenzene	9.97	105	294898	48.664	ug/l	100
74) N-amyl acetate	9.84	43	69864	53.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	53998	49.053	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	41250m	48.327	ug/l	
77) Bromobenzene	10.26	156	65077	47.926	ug/l	98
78) n-propylbenzene	10.40	91	353218	49.074	ug/l	99
79) 2-Chlorotoluene	10.47	91	215778	48.544	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	253602	49.286	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	15524	50.566	ug/l	99
82) 4-Chlorotoluene	10.58	91	259262	48.740	ug/l	100
83) tert-Butylbenzene	10.91	119	241302	49.307	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	259489	48.737	ug/l	99
85) sec-Butylbenzene	11.13	105	309588	49.316	ug/l	100
86) p-Isopropyltoluene	11.29	119	275948	49.483	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	134818	48.778	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	136019	48.516	ug/l	99
89) n-Butylbenzene	11.70	91	272007	49.395	ug/l	99
90) Hexachloroethane	11.95	117	50264	49.787	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	120934	48.779	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9922	51.842	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	85407	50.349	ug/l	99
94) Hexachlorobutadiene	13.49	225	46098	48.410	ug/l	98
95) Naphthalene	13.55	128	166907	55.718	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	74784	51.575	ug/l	99

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

