

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009244.D
 Acq On : 23 Jan 2019 11:58
 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
 1/24/2019 9:41:33 AM

Quant Time: Jan 24 04:01:49 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	84501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	140329	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	129475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	54336	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	4.64	113	50584	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	7.35	98	201312	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
62) 4-Bromofluorobenzene	10.12	95	74133	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	32842	48.050	ug/l	100
3) Chloromethane	1.25	50	45232	49.163	ug/l	98
4) Vinyl Chloride	1.32	62	53210	50.902	ug/l	100
5) Bromomethane	1.53	94	30210	50.958	ug/l	98
6) Chloroethane	1.60	64	29368	50.265	ug/l	97
7) Trichlorofluoromethane	1.76	101	33546	45.726	ug/l	99
8) Diethyl Ether	1.96	74	23020	49.891	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	47032	51.594	ug/l	98
10) Methyl Iodide	2.25	142	75640	51.988	ug/l	99
11) Tert butyl alcohol	2.65	59	15725	253.565	ug/l	99
12) 1,1-Dichloroethene	2.13	96	46298	51.730	ug/l	98
13) Acrolein	2.06	56	13525	253.360	ug/l	96
14) Allyl chloride	2.42	41	78735	51.043	ug/l	98
15) Acrylonitrile	2.76	53	50746	253.903	ug/l	99
16) Acetone	2.17	43	65795	235.324	ug/l	99
17) Carbon Disulfide	2.31	76	141230	51.585	ug/l	99
18) Methyl Acetate	2.44	43	34155	45.736	ug/l	98
19) Methyl tert-butyl Ether	2.79	73	70255	50.569	ug/l	98
20) Methylene Chloride	2.52	84	48876	53.126	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	49947	51.798	ug/l	96
22) Diisopropyl ether	3.32	45	167533	51.006	ug/l	92
23) Vinyl Acetate	3.30	43	463413	260.023	ug/l	99
24) 1,1-Dichloroethane	3.22	63	104962	51.363	ug/l	99
25) 2-Butanone	4.01	43	83157	260.093	ug/l	97
26) 2,2-Dichloropropane	3.95	77	61910	53.831	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	61101	52.430	ug/l	97
28) Bromochloromethane	4.28	49	36562	48.483	ug/l	97
29) Tetrahydrofuran	4.38	42	46004	264.553	ug/l	98
30) Chloroform	4.42	83	104677	51.002	ug/l	100
31) Cyclohexane	4.72	56	94667	50.745	ug/l	97
32) 1,1,1-Trichloroethane	4.65	97	89349	51.651	ug/l	99
36) 1,1-Dichloropropene	4.87	75	80410	51.610	ug/l	98
37) Ethyl Acetate	4.12	43	32912	54.966	ug/l	97
38) Carbon Tetrachloride	4.87	117	82349	52.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	100442	54.440	ug/l	100
40) Benzene	5.14	78	230887	52.985	ug/l	99
41) Methacrylonitrile	4.30	41	19012	52.684	ug/l	98
42) 1,2-Dichloroethane	5.17	62	67448	49.455	ug/l	99
43) Isopropyl Acetate	5.32	43	62757	53.284	ug/l	98
44) Trichloroethene	5.95	130	60774	52.999	ug/l	99
45) 1,2-Dichloropropane	6.22	63	54853	52.332	ug/l	98
46) Dibromomethane	6.35	93	28882	53.699	ug/l	99
47) Bromodichloromethane	6.55	83	75146	52.873	ug/l	99
48) Methyl methacrylate	6.41	41	31605	52.587	ug/l	97
49) 1,4-Dioxane	6.41	88	7469	1090.173	ug/l	97
51) 4-Methyl-2-Pentanone	7.27	43	157220	263.030	ug/l	99
52) Toluene	7.43	92	145366	52.735	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	73960	53.467	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	86151	54.087	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	40681	53.683	ug/l	97
56) Ethyl methacrylate	7.83	69	48129	54.513	ug/l	99
57) 1,3-Dichloropropane	8.05	76	73794	53.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.93	63	2440	176.848	ug/l	91
59) 2-Hexanone	8.18	43	116606	269.718	ug/l	99
60) Dibromochloromethane	8.29	129	48133	54.248	ug/l	99
61) 1,2-Dibromoethane	8.40	107	40109	54.123	ug/l	98
64) Tetrachloroethene	8.02	164	50101	54.377	ug/l	97
65) Chlorobenzene	8.92	112	157609	52.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	53821	52.281	ug/l	99
67) Ethyl Benzene	9.05	91	286383	53.368	ug/l	100
68) m/p-Xylenes	9.18	106	216129	106.090	ug/l	100
69) o-Xylene	9.59	106	102268	54.146	ug/l	99
70) Styrene	9.60	104	166037	55.082	ug/l	98
71) Bromoform	9.77	173	26588	54.770	ug/l #	98
73) Isopropylbenzene	9.97	105	289832	54.188	ug/l	99
74) N-amyl acetate	9.84	43	52938	53.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	48205	53.460	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	39065m	55.088	ug/l	
77) Bromobenzene	10.26	156	60952	53.278	ug/l	97
78) n-propylbenzene	10.40	91	341226	53.815	ug/l	100
79) 2-Chlorotoluene	10.47	91	199497	52.145	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	241694	53.882	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	13810	55.111	ug/l	99
82) 4-Chlorotoluene	10.58	91	236322	52.444	ug/l	99
83) tert-Butylbenzene	10.91	119	230463	53.957	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	241856	53.449	ug/l	99
85) sec-Butylbenzene	11.13	105	301798	53.947	ug/l	100
86) p-Isopropyltoluene	11.29	119	263944	53.884	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	125656	52.899	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	124936	52.027	ug/l	99
89) n-Butylbenzene	11.70	91	253962	53.414	ug/l	99
90) Hexachloroethane	11.95	117	46855	53.791	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	109156	52.057	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8012	52.926	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	70219	52.020	ug/l	99
94) Hexachlorobutadiene	13.50	225	43702	52.238	ug/l	98
95) Naphthalene	13.55	128	124994	53.554	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	59431	51.994	ug/l	100

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

