

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009265.D
 Acq On : 24 Jan 2019 18:26
 Operator : SY/MD
 Sample : VV0124SBS01
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

Quant Time: Jan 24 23:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 23:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	76433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	129704	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	119016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	60948	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.08	65	46808	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
35) Dibromofluoromethane	4.64	113	41796	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	7.36	98	157916	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.12	95	59109	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	9998	15.651	ug/l	94
3) Chloromethane	1.25	50	15045	17.326	ug/l	99
4) Vinyl Chloride	1.33	62	16542	18.804	ug/l	99
5) Bromomethane	1.53	94	9226	18.536	ug/l	99
6) Chloroethane	1.59	64	8871	19.227	ug/l	95
7) Trichlorofluoromethane	1.75	101	7402	17.812	ug/l	94
8) Diethyl Ether	1.96	74	8995	21.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.13	101	15213	20.562	ug/l	94
10) Methyl Iodide	2.25	142	25599	21.002	ug/l	97
11) Tert butyl alcohol	2.66	59	12930	165.540	ug/l #	95
12) 1,1-Dichloroethene	2.14	96	15801	20.554	ug/l	99
13) Acrolein	2.05	56	5382	121.004	ug/l	97
14) Allyl chloride	2.42	41	23310	20.300	ug/l	99
15) Acrylonitrile	2.76	53	23133	119.378	ug/l	95
16) Acetone	2.18	43	24734	97.027	ug/l	100
17) Carbon Disulfide	2.32	76	43143	19.990	ug/l	99
18) Methyl Acetate	2.45	43	16511	25.871	ug/l	95
19) Methyl tert-butyl Ether	2.80	73	27285	22.673	ug/l	99
20) Methylene Chloride	2.53	84	19378	22.414	ug/l	96
21) trans-1,2-Dichloroethene	2.78	96	16326	20.508	ug/l	95
22) Diisopropyl ether	3.32	45	57249	20.859	ug/l	97
23) Vinyl Acetate	3.30	43	181694	107.386	ug/l	100
24) 1,1-Dichloroethane	3.22	63	34620	20.425	ug/l	100
25) 2-Butanone	4.01	43	35939	107.587	ug/l	96
26) 2,2-Dichloropropane	3.95	77	16717	19.449	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	20732	20.537	ug/l	100
28) Bromochloromethane	4.29	49	13326	19.597	ug/l	100
29) Tetrahydrofuran	4.38	42	22135	116.262	ug/l	99
30) Chloroform	4.42	83	34830	20.450	ug/l	95
31) Cyclohexane	4.72	56	31241	19.993	ug/l	99
32) 1,1,1-Trichloroethane	4.65	97	26932	20.339	ug/l	98
36) 1,1-Dichloropropene	4.87	75	26156	20.140	ug/l	100
37) Ethyl Acetate	4.12	43	14883	20.848	ug/l	97
38) Carbon Tetrachloride	4.87	117	25690	20.003	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	32186	19.775	ug/l	97
40) Benzene	5.14	78	78253	20.452	ug/l	100
41) Methacrylonitrile	4.31	41	8150	21.539	ug/l	97
42) 1,2-Dichloroethane	5.17	62	25020	21.030	ug/l	99
43) Isopropyl Acetate	5.33	43	26853	21.344	ug/l	98
44) Trichloroethene	5.96	130	21095	20.659	ug/l	94
45) 1,2-Dichloropropane	6.22	63	18636	19.785	ug/l	98
46) Dibromomethane	6.35	93	11144	21.119	ug/l	98
47) Bromodichloromethane	6.55	83	25117	20.236	ug/l	99
48) Methyl methacrylate	6.42	41	13401	21.473	ug/l	97
49) 1,4-Dioxane	6.41	88	3533	426.687	ug/l #	87
51) 4-Methyl-2-Pentanone	7.27	43	71286	107.665	ug/l	98
52) Toluene	7.43	92	48887	20.233	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	24700	19.678	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	27982	19.650	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	16002	21.748	ug/l	95
56) Ethyl methacrylate	7.83	69	18903	21.264	ug/l	97
57) 1,3-Dichloropropane	8.05	76	27921	21.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.94	63	1366	58.072	ug/l	99
59) 2-Hexanone	8.18	43	50046	105.142	ug/l	100
60) Dibromochloromethane	8.29	129	17078	20.305	ug/l	98
61) 1,2-Dibromoethane	8.40	107	16056	21.718	ug/l	98
64) Tetrachloroethene	8.02	164	17819	21.714	ug/l	98
65) Chlorobenzene	8.92	112	53863	20.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	18980	21.178	ug/l	98
67) Ethyl Benzene	9.05	91	91190	20.025	ug/l	100
68) m/p-Xylenes	9.18	106	70920	40.600	ug/l	99
69) o-Xylene	9.59	106	32821	20.106	ug/l	99
70) Styrene	9.60	104	53390	20.084	ug/l	99
71) Bromoform	9.77	173	10086	20.874	ug/l #	99
73) Isopropylbenzene	9.97	105	92220	20.375	ug/l	99
74) N-amyl acetate	9.84	43	21181	20.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	21052	22.619	ug/l	96
76) 1,2,3-Trichloropropane	10.32	75	15981	22.213	ug/l #	77
77) Bromobenzene	10.26	156	21495	20.354	ug/l	98
78) n-propylbenzene	10.40	91	108246	20.214	ug/l	100
79) 2-Chlorotoluene	10.47	91	64469	19.975	ug/l	98
80) 1,3,5-Trimethylbenzene	10.59	105	77654	20.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	5254	20.744	ug/l	98
82) 4-Chlorotoluene	10.58	91	76573	20.013	ug/l	98
83) tert-Butylbenzene	10.91	119	74246	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	78733	20.146	ug/l	99
85) sec-Butylbenzene	11.13	105	97202	20.292	ug/l	98
86) p-Isopropyltoluene	11.29	119	84374	19.960	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	43349	20.269	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	44495	20.382	ug/l	99
89) n-Butylbenzene	11.70	91	80317	19.620	ug/l	99
90) Hexachloroethane	11.95	117	14744	19.719	ug/l	96
91) 1,2-Dichlorobenzene	11.69	146	40109	20.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3479	22.389	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	26812	19.939	ug/l	97
94) Hexachlorobutadiene	13.49	225	15390	20.022	ug/l	99
95) Naphthalene	13.55	128	53655	19.919	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	24005	20.239	ug/l	99

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

