

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009235.D
 Acq On : 22 Jan 2019 14:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 23 01:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 00:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	97948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	161452	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	150015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	75952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	173271	130.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.10%	
35) Dibromofluoromethane	4.63	113	159146	148.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.26%	
50) Toluene-d8	7.36	98	620861	150.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.60%	
62) 4-Bromofluorobenzene	10.12	95	235824	149.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	109433	140.667	ug/l	98
3) Chloromethane	1.25	50	159590	140.689	ug/l	99
4) Vinyl Chloride	1.32	62	163411	147.343	ug/l	100
5) Bromomethane	1.51	94	89400	122.822	ug/l	98
6) Chloroethane	1.59	64	89192	127.685	ug/l	99
7) Trichlorofluoromethane	1.75	101	112252	165.427	ug/l	97
8) Diethyl Ether	1.96	74	77183	140.496	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.13	101	143626	142.223	ug/l	100
10) Methyl Iodide	2.25	142	235626	142.018	ug/l	99
11) Tert butyl alcohol	2.65	59	51778	533.788	ug/l	99
12) 1,1-Dichloroethene	2.13	96	145089	143.085	ug/l	98
13) Acrolein	2.05	56	44610	634.499	ug/l	97
14) Allyl chloride	2.42	41	251082	140.849	ug/l	98
15) Acrylonitrile	2.76	53	169533	713.583	ug/l	99
16) Acetone	2.17	43	211861	652.853	ug/l	100
17) Carbon Disulfide	2.31	76	446306	147.488	ug/l	100
19) Methyl tert-butyl Ether	2.79	73	221533	139.477	ug/l	98
20) Methylene Chloride	2.52	84	148983	121.399	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	154306	140.733	ug/l	95
22) Diisopropyl ether	3.32	45	539990	136.053	ug/l	99
23) Vinyl Acetate	3.29	43	1561318	712.688	ug/l	99
24) 1,1-Dichloroethane	3.22	63	331884	137.848	ug/l	99
25) 2-Butanone	4.01	43	278116	722.480	ug/l	100
26) 2,2-Dichloropropane	3.94	77	195912	153.921	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	195545	141.361	ug/l	98
28) Bromochloromethane	4.29	49	124578	134.767	ug/l	99
29) Tetrahydrofuran	4.38	42	156585	710.060	ug/l	97
30) Chloroform	4.41	83	333886	133.434	ug/l	99
31) Cyclohexane	4.72	56	288726	134.567	ug/l	99
32) 1,1,1-Trichloroethane	4.65	97	279940	140.220	ug/l	99
36) 1,1-Dichloropropene	4.87	75	257871	147.509	ug/l	98
37) Ethyl Acetate	4.11	43	112396	153.923	ug/l	97
38) Carbon Tetrachloride	4.86	117	261796	150.706	ug/l	99
39) Methylcyclohexane	6.17	83	314524	156.350	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	5.14	78	726294	147.078	ug/l	98
41) Methacrylonitrile	4.30	41	64983	151.978	ug/l	95
42) 1,2-Dichloroethane	5.17	62	224771	136.428	ug/l	98
43) Isopropyl Acetate	5.32	43	214918	148.116	ug/l	98
44) Trichloroethene	5.95	130	192803	151.653	ug/l	96
45) 1,2-Dichloropropane	6.22	63	178112	148.008	ug/l	100
46) Dibromomethane	6.35	93	94826	144.615	ug/l	97
47) Bromodichloromethane	6.55	83	248667	145.370	ug/l	99
48) Methyl methacrylate	6.41	41	110502	150.255	ug/l	99
49) 1,4-Dioxane	6.41	88	26368	3099.437	ug/l	97
51) 4-Methyl-2-Pentanone	7.27	43	542650	747.632	ug/l	99
52) Toluene	7.43	92	466937	150.650	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	255219	153.356	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	290412	154.016	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	129714	146.000	ug/l	99
56) Ethyl methacrylate	7.83	69	171723	159.555	ug/l	99
57) 1,3-Dichloropropane	8.05	76	238432	145.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.93	63	19596	946.134	ug/l	91
59) 2-Hexanone	8.18	43	399760	743.056	ug/l	100
60) Dibromochloromethane	8.29	129	163471	154.529	ug/l	99
61) 1,2-Dibromoethane	8.40	107	132502	150.497	ug/l	99
64) Tetrachloroethene	8.02	164	156503	153.277	ug/l	98
65) Chlorobenzene	8.92	112	504754	147.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	177355	150.656	ug/l	99
67) Ethyl Benzene	9.05	91	914916	150.333	ug/l	99
68) m/p-Xylenes	9.18	106	688773	301.635	ug/l	98
69) o-Xylene	9.59	106	329409	154.840	ug/l	99
70) Stvrene	9.60	104	541514	156.120	ug/l	98
71) Bromoform	9.77	173	92923	161.571	ug/l #	98
73) Isopropylbenzene	9.97	105	917662	152.575	ug/l	99
74) N-amyl acetate	9.84	43	195209	153.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	158578	147.223	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	115758	138.122	ug/l	67
77) Bromobenzene	10.26	156	199149	149.127	ug/l	97
78) n-propylbenzene	10.40	91	1083913	152.088	ug/l	99
79) 2-Chlorotoluene	10.47	91	633473	144.077	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	767959	150.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	50073	165.671	ug/l	96
82) 4-Chlorotoluene	10.58	91	750808	143.372	ug/l	99
83) tert-Butylbenzene	10.91	119	743586	153.432	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	779204	148.337	ug/l	100
85) sec-Butylbenzene	11.13	105	963911	154.738	ug/l	100
86) p-Isopropyltoluene	11.29	119	846918	153.345	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	402411	147.489	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	400359	144.595	ug/l	99
89) n-Butylbenzene	11.70	91	828391	152.288	ug/l	99
90) Hexachloroethane	11.95	117	158568	159.182	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	355719	145.796	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	28018	150.162	ug/l	97
93) 1,2,4-Trichlorobenzene	13.31	180	245172	147.339	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.49	225	141787	150.911	ug/l	100
95) Naphthalene	13.55	128	459800	157.464	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	206959	146.527	ug/l	100

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

