

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011819\
 Data File : VV009222.D
 Acq On : 18 Jan 2019 16:00
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:45:16 AM

Quant Time: Jan 19 03:16:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 19 02:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	90745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	159646	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	146566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	73472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.08	65	11486	9.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.94%	
35) Dibromofluoromethane	4.64	113	9650	9.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.42%	
50) Toluene-d8	7.36	98	36290	9.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.30%	
62) 4-Bromofluorobenzene	10.12	95	14138	9.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.14	85	7434	10.609	ug/l	100
3) Chloromethane	1.25	50	10575	10.642	ug/l	99
4) Vinyl Chloride	1.32	62	10454	10.705	ug/l	92
5) Bromomethane	1.53	94	7094	11.107	ug/l	97
6) Chloroethane	1.60	64	7111	11.663	ug/l	98
7) Trichlorofluoromethane	1.76	101	6352	11.182	ug/l	96
8) Diethyl Ether	1.96	74	5216	10.997	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.14	101	9574	10.852	ug/l	98
10) Methyl Iodide	2.26	142	15588	10.959	ug/l	99
11) Tert butyl alcohol	2.65	59	5169	73.483	ug/l #	95
12) 1,1-Dichloroethene	2.14	96	9848	11.592	ug/l	95
13) Acrolein	2.06	56	3608	62.506	ug/l	97
14) Allyl chloride	2.42	41	17245	11.253	ug/l	97
15) Acrylonitrile	2.76	53	11576	58.182	ug/l	97
16) Acetone	2.18	43	17061	68.298	ug/l	96
17) Carbon Disulfide	2.32	76	28571	10.860	ug/l	97
18) Methyl Acetate	2.45	43	8373	12.762	ug/l	97
19) Methyl tert-butyl Ether	2.80	73	15474	11.143	ug/l	94
20) Methylene Chloride	2.53	84	12999	13.414	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	10431	11.128	ug/l	99
22) Diisopropyl ether	3.33	45	37452	10.734	ug/l	96
23) Vinyl Acetate	3.30	43	101631	53.542	ug/l	98
24) 1,1-Dichloroethane	3.22	63	23416	11.403	ug/l	99
25) 2-Butanone	4.02	43	18807	60.008	ug/l	100
26) 2,2-Dichloropropane	3.95	77	11089	9.678	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	13397	11.160	ug/l	98
28) Bromochloromethane	4.30	49	8239	9.552	ug/l #	99
29) Tetrahydrofuran	4.39	42	10302	54.896	ug/l	97
30) Chloroform	4.42	83	24244	11.203	ug/l	100
31) Cyclohexane	4.72	56	21275	12.139	ug/l #	91
32) 1,1,1-Trichloroethane	4.65	97	19061	10.864	ug/l	95
36) 1,1-Dichloropropene	4.88	75	18567	11.913	ug/l	96
37) Ethyl Acetate	4.13	43	6713	10.188	ug/l #	94
38) Carbon Tetrachloride	4.87	117	17432	10.973	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	19986	10.670	ug/l	99
40) Benzene	5.14	78	49602	10.940	ug/l	98
41) Methacrylonitrile	4.31	41	4000	10.355	ug/l	95
42) 1,2-Dichloroethane	5.18	62	16812	11.060	ug/l	100
43) Isopropyl Acetate	5.33	43	14615	11.330	ug/l	98
44) Trichloroethene	5.95	130	13269	11.639	ug/l	96
45) 1,2-Dichloropropane	6.22	63	12363	10.923	ug/l	93
46) Dibromomethane	6.35	93	6695	11.200	ug/l	95
47) Bromodichloromethane	6.55	83	16651	10.494	ug/l	99
48) Methyl methacrylate	6.42	41	6981	10.313	ug/l	96
49) 1,4-Dioxane	6.42	88	1718	213.754	ug/l	92
51) 4-Methyl-2-Pentanone	7.28	43	34926	51.780	ug/l	100
52) Toluene	7.43	92	31169	10.843	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	15421	9.910	ug/l	96
54) cis-1,3-Dichloropropene	7.07	75	18229	10.140	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	9129	11.407	ug/l	94
56) Ethyl methacrylate	7.83	69	10022	9.963	ug/l	95
57) 1,3-Dichloropropane	8.06	76	16341	10.829	ug/l	97
59) 2-Hexanone	8.19	43	25524	52.784	ug/l	98
60) Dibromochloromethane	8.29	129	10309	10.462	ug/l	99
61) 1,2-Dibromoethane	8.40	107	8627	10.786	ug/l	98
64) Tetrachloroethene	8.02	164	10234	11.258	ug/l	98
65) Chlorobenzene	8.93	112	34349	11.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	11500	10.499	ug/l	98
67) Ethyl Benzene	9.05	91	60395	10.859	ug/l	100
68) m/p-Xylenes	9.18	106	45094	21.730	ug/l	98
69) o-Xylene	9.59	106	20726	10.409	ug/l	93
70) Styrene	9.60	104	32364	9.909	ug/l	98
71) Bromoform	9.77	173	5454	10.287	ug/l #	99
73) Isopropylbenzene	9.97	105	58617	10.720	ug/l	99
74) N-amyl acetate	9.84	43	11873	10.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	10847	11.146	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	8189m	11.152	ug/l	
77) Bromobenzene	10.26	156	13532	11.333	ug/l	98
78) n-propylbenzene	10.40	91	67426	10.325	ug/l	98
79) 2-Chlorotoluene	10.47	91	43040	11.041	ug/l	99
80) 1,3,5-Trimethylbenzene	10.59	105	49323	10.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	2851	10.204	ug/l	94
82) 4-Chlorotoluene	10.59	91	52322	11.145	ug/l	97
83) tert-Butylbenzene	10.91	119	47005	10.666	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	51602	10.850	ug/l	99
85) sec-Butylbenzene	11.13	105	59592	10.522	ug/l	99
86) p-Isopropyltoluene	11.29	119	53452	10.618	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	27183	11.256	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	27289	11.198	ug/l	96
89) n-Butylbenzene	11.70	91	52315	10.587	ug/l	99
90) Hexachloroethane	11.95	117	9172	9.934	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	23793	10.956	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	1813	10.633	ug/l	98
93) 1,2,4-Trichlorobenzene	13.31	180	16068	11.121	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.49	225	9157	11.070	ug/l	97
95) Naphthalene	13.55	128	25587	9.830	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	13321	10.459	ug/l	98

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

