

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009231.D
 Acq On : 22 Jan 2019 12:26
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:43:43 AM

Quant Time: Jan 23 00:59:22 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	83359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	144445	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	131011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	11302	10.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.02%	
35) Dibromofluoromethane	4.64	113	9715	10.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.28%	
50) Toluene-d8	7.36	98	36000	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	
62) 4-Bromofluorobenzene	10.12	95	13832	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.14	85	6698	10.117	ug/l	98
3) Chloromethane	1.25	50	9063	9.388	ug/l	98
4) Vinyl Chloride	1.32	62	11199	11.865	ug/l	95
5) Bromomethane	1.53	94	6185	9.984	ug/l	98
6) Chloroethane	1.59	64	6048	10.173	ug/l	98
7) Trichlorofluoromethane	1.76	101	7707	13.346	ug/l	99
8) Diethyl Ether	1.96	74	4968	10.626	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.14	101	9827	11.434	ug/l	97
10) Methyl Iodide	2.25	142	14929	10.573	ug/l	99
11) Tert butyl alcohol	2.65	59	4876	59.065	ug/l #	87
12) 1,1-Dichloroethene	2.13	96	9088	10.531	ug/l	95
13) Acrolein	2.06	56	3765	62.923	ug/l	98
14) Allyl chloride	2.42	41	15985	10.536	ug/l	97
15) Acrylonitrile	2.76	53	10949	54.151	ug/l	99
16) Acetone	2.18	43	16735	60.594	ug/l	99
17) Carbon Disulfide	2.31	76	28196	10.949	ug/l	99
18) Methyl Acetate	2.45	43	8526	11.887	ug/l	94
19) Methyl tert-butyl Ether	2.79	73	15384	11.381	ug/l	98
20) Methylene Chloride	2.53	84	11700	11.202	ug/l	97
21) trans-1,2-Dichloroethene	2.78	96	10080	10.802	ug/l	94
22) Diisopropyl ether	3.32	45	34434	10.194	ug/l	94
23) Vinyl Acetate	3.30	43	92981	49.871	ug/l	99
24) 1,1-Dichloroethane	3.22	63	21383	10.436	ug/l	100
25) 2-Butanone	4.02	43	18185	55.508	ug/l	97
26) 2,2-Dichloropropane	3.95	77	10935	10.095	ug/l	99
27) cis-1,2-Dichloroethene	3.95	96	11876	10.088	ug/l	98
28) Bromochloromethane	4.29	49	7822	9.943	ug/l #	95
29) Tetrahydrofuran	4.39	42	9220	49.127	ug/l	97
30) Chloroform	4.42	83	21496	10.094	ug/l	98
31) Cyclohexane	4.72	56	19599	10.733	ug/l #	89
32) 1,1,1-Trichloroethane	4.65	97	17554	10.332	ug/l	96
36) 1,1-Dichloropropene	4.88	75	16365	10.463	ug/l	96
37) Ethyl Acetate	4.12	43	6806	10.418	ug/l #	91
38) Carbon Tetrachloride	4.87	117	16163	10.400	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	19000	10.557	ug/l	95
40) Benzene	5.14	78	45575	10.316	ug/l	97
41) Methacrylonitrile	4.30	41	3971	10.381	ug/l	96
42) 1,2-Dichloroethane	5.18	62	14750	10.007	ug/l	99
43) Isopropyl Acetate	5.32	43	12576	9.688	ug/l	99
44) Trichloroethene	5.96	130	11590	10.190	ug/l	99
45) 1,2-Dichloropropane	6.22	63	11197	10.400	ug/l	96
46) Dibromomethane	6.35	93	5538	9.440	ug/l	95
47) Bromodichloromethane	6.55	83	14714	9.615	ug/l	93
48) Methyl methacrylate	6.42	41	6427	9.768	ug/l	97
49) 1,4-Dioxane	6.42	88	1439	189.063	ug/l	97
51) 4-Methyl-2-Pentanone	7.27	43	31700	48.817	ug/l	99
52) Toluene	7.43	92	28728	10.360	ug/l	97
53) t-1,3-Dichloropropene	7.69	75	14265	9.581	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	15700	9.307	ug/l	96
55) 1,1,2-Trichloroethane	7.88	97	8201	10.318	ug/l	93
56) Ethyl methacrylate	7.83	69	8670	9.004	ug/l	96
57) 1,3-Dichloropropane	8.05	76	14725	10.050	ug/l	99
59) 2-Hexanone	8.18	43	22940	47.660	ug/l	98
60) Dibromochloromethane	8.29	129	8941	9.447	ug/l	100
61) 1,2-Dibromoethane	8.39	107	7797	9.899	ug/l	97
64) Tetrachloroethene	8.02	164	9336	10.470	ug/l	97
65) Chlorobenzene	8.92	112	31792	10.626	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	10686	10.394	ug/l	94
67) Ethyl Benzene	9.05	91	54007	10.161	ug/l	98
68) m/p-Xylenes	9.18	106	41082	20.601	ug/l	98
69) o-Xylene	9.59	106	18628	10.026	ug/l	96
70) Styrene	9.60	104	29052	9.591	ug/l	99
71) Bromoform	9.77	173	4736	9.429	ug/l #	97
73) Isopropylbenzene	9.97	105	52905	10.390	ug/l	100
74) N-amyl acetate	9.84	43	9607	8.932	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	9500	10.418	ug/l	97
76) 1,2,3-Trichloropropane	10.32	75	7636m	10.762	ug/l	
77) Bromobenzene	10.26	156	11492	10.165	ug/l	97
78) n-propylbenzene	10.40	91	62623	10.379	ug/l	99
79) 2-Chlorotoluene	10.47	91	38759	10.413	ug/l	98
80) 1,3,5-Trimethylbenzene	10.58	105	44556	10.326	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.05	75	2221	8.680	ug/l	87
82) 4-Chlorotoluene	10.58	91	44884	10.124	ug/l	98
83) tert-Butylbenzene	10.91	119	42366	10.326	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	44773	10.068	ug/l	98
85) sec-Butylbenzene	11.13	105	56380	10.691	ug/l	97
86) p-Isopropyltoluene	11.29	119	48178	10.304	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	23896	10.345	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	24272	10.355	ug/l	95
89) n-Butylbenzene	11.70	91	46644	10.129	ug/l	98
90) Hexachloroethane	11.95	117	8484	10.060	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	21181	10.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	1639	10.376	ug/l	88
93) 1,2,4-Trichlorobenzene	13.31	180	12704	9.018	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.49	225	8456	10.631	ug/l	98
95) Naphthalene	13.55	128	21157	8.558	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	11227	9.389	ug/l	99

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

