

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009234.D
 Acq On : 22 Jan 2019 13:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:44:06 AM

Quant Time: Jan 23 01:23:52 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	94813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	160460	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	147978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	74497	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	115552	89.94	ug/l	0.00
Spiked Amount			Recovery	=	179.88%	
35) Dibromofluoromethane	4.64	113	106958	100.51	ug/l	0.00
Spiked Amount			Recovery	=	201.02%	
50) Toluene-d8	7.36	98	418797	102.35	ug/l	0.00
Spiked Amount			Recovery	=	204.70%	
62) 4-Bromofluorobenzene	10.12	95	157570	100.22	ug/l	0.00
Spiked Amount			Recovery	=	200.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	76963	102.201	ug/l	97
3) Chloromethane	1.25	50	101693	92.614	ug/l	99
4) Vinyl Chloride	1.32	62	113633	105.848	ug/l	98
5) Bromomethane	1.52	94	65198	92.534	ug/l	100
6) Chloroethane	1.59	64	64072	94.757	ug/l	99
7) Trichlorofluoromethane	1.76	101	80746	122.931	ug/l	98
8) Diethyl Ether	1.96	74	51387	96.633	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	100596	102.907	ug/l	99
10) Methyl Iodide	2.25	142	163671	101.910	ug/l	99
11) Tert butyl alcohol	2.65	59	32132	342.207	ug/l	98
12) 1,1-Dichloroethene	2.13	96	98842	100.700	ug/l	98
13) Acrolein	2.05	56	29001	426.127	ug/l	96
14) Allyl chloride	2.42	41	172121	99.747	ug/l	98
15) Acrylonitrile	2.76	53	108425	471.463	ug/l	99
16) Acetone	2.17	43	140824	448.300	ug/l	98
17) Carbon Disulfide	2.31	76	308294	105.249	ug/l	99
18) Methyl Acetate	2.44	43	70300	86.174	ug/l	98
19) Methyl tert-butyl Ether	2.79	73	148127	96.345	ug/l	99
20) Methylene Chloride	2.52	84	103534	87.155	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	107290	101.088	ug/l	96
22) Diisopropyl ether	3.33	45	370496	96.435	ug/l	98
23) Vinyl Acetate	3.30	43	1025273	483.477	ug/l	100
24) 1,1-Dichloroethane	3.22	63	227856	97.769	ug/l	99
25) 2-Butanone	4.01	43	176843	474.586	ug/l	99
26) 2,2-Dichloropropane	3.95	77	138858	112.703	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	134271	100.275	ug/l	99
28) Bromochloromethane	4.29	49	84370	94.288	ug/l	99
29) Tetrahydrofuran	4.38	42	99040	463.963	ug/l	98
30) Chloroform	4.42	83	230241	95.056	ug/l	100
31) Cyclohexane	4.72	56	196903	94.806	ug/l	98
32) 1,1,1-Trichloroethane	4.65	97	197322	102.105	ug/l	100
36) 1,1-Dichloropropene	4.87	75	178742	102.878	ug/l	99
37) Ethyl Acetate	4.12	43	70208	96.742	ug/l	100
38) Carbon Tetrachloride	4.87	117	182261	105.569	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	213095	106.584	ug/l	99
40) Benzene	5.14	78	502607	102.410	ug/l	100
41) Methacrylonitrile	4.30	41	42343	99.641	ug/l	97
42) 1,2-Dichloroethane	5.17	62	151791	92.702	ug/l	99
43) Isopropyl Acetate	5.32	43	135917	94.250	ug/l	98
44) Trichloroethene	5.96	130	131717	104.245	ug/l	97
45) 1,2-Dichloropropane	6.22	63	121807	101.845	ug/l	100
46) Dibromomethane	6.35	93	62965	96.619	ug/l	98
47) Bromodichloromethane	6.55	83	168465	99.093	ug/l	100
48) Methyl methacrylate	6.41	41	71304	97.555	ug/l	100
49) 1,4-Dioxane	6.41	88	15939	1885.139	ug/l	98
51) 4-Methyl-2-Pentanone	7.27	43	344600	477.705	ug/l	99
52) Toluene	7.43	92	319266	103.643	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	167068	101.009	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	194922	104.013	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	86459	97.916	ug/l	97
56) Ethyl methacrylate	7.83	69	109162	102.054	ug/l	99
57) 1,3-Dichloropropane	8.05	76	157924	97.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.93	63	9369	455.150	ug/l #	89
59) 2-Hexanone	8.18	43	257084	480.811	ug/l	99
60) Dibromochloromethane	8.29	129	108212	102.925	ug/l	98
61) 1,2-Dibromoethane	8.40	107	86356	98.690	ug/l	98
64) Tetrachloroethene	8.02	164	104077	103.335	ug/l	98
65) Chlorobenzene	8.92	112	344859	102.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	119559	102.958	ug/l	99
67) Ethyl Benzene	9.05	91	632077	105.288	ug/l	99
68) m/p-Xylenes	9.18	106	478405	212.393	ug/l	98
69) o-Xylene	9.59	106	225487	107.450	ug/l	100
70) Styrene	9.60	104	368549	107.716	ug/l	99
71) Bromoform	9.77	173	59978	105.723	ug/l #	98
73) Isopropylbenzene	9.97	105	638961	108.312	ug/l	99
74) N-amyl acetate	9.84	43	122466	98.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	104390	98.808	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	80030m	97.357	ug/l	
77) Bromobenzene	10.26	156	134633	102.785	ug/l	97
78) n-propylbenzene	10.40	91	751910	107.564	ug/l	100
79) 2-Chlorotoluene	10.47	91	440906	102.238	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	531598	106.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	31908	107.632	ug/l	95
82) 4-Chlorotoluene	10.58	91	518602	100.965	ug/l	100
83) tert-Butylbenzene	10.91	119	511596	107.625	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	538179	104.454	ug/l	100
85) sec-Butylbenzene	11.13	105	660347	108.077	ug/l	99
86) p-Isopropyltoluene	11.29	119	587377	108.429	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	275001	102.760	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	273946	100.872	ug/l	99
89) n-Butylbenzene	11.70	91	563460	105.607	ug/l	99
90) Hexachloroethane	11.95	117	105314	107.787	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	241269	100.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	17313	94.601	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	163872	100.404	ug/l	100
94) Hexachlorobutadiene	13.50	225	95819	103.976	ug/l	100
95) Naphthalene	13.55	128	290436	101.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	135243	97.622	ug/l	100

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

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