

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009236.D
 Acq On : 22 Jan 2019 15:29
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV012219

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:44:16 AM

Quant Time: Jan 23 01:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	94661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	161281	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	144891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	72622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	54430	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	4.64	113	50754	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	7.35	98	199522	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.12	95	75483	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	38664	50.496	ug/l	98
3) Chloromethane	1.25	50	48417	46.976	ug/l	97
4) Vinyl Chloride	1.32	62	55467	47.366	ug/l	99
5) Bromomethane	1.53	94	31575	47.544	ug/l	99
6) Chloroethane	1.59	64	30606	46.761	ug/l	98
7) Trichlorofluoromethane	1.76	101	37017	45.041	ug/l	97
8) Diethyl Ether	1.96	74	25326	48.998	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.14	101	49983	48.946	ug/l	99
10) Methyl Iodide	2.25	142	78966	48.449	ug/l	99
11) Tert butyl alcohol	2.65	59	17406	250.267	ug/l	96
12) 1,1-Dichloroethene	2.13	96	48635	48.508	ug/l	98
13) Acrolein	2.05	56	14703	245.360	ug/l	99
14) Allyl chloride	2.42	41	83168	48.130	ug/l	99
15) Acrylonitrile	2.76	53	53329	238.188	ug/l	100
16) Acetone	2.17	43	72828	232.521	ug/l	99
17) Carbon Disulfide	2.31	76	146883	47.891	ug/l	100
18) Methyl Acetate	2.44	43	36411	43.524	ug/l	97
19) Methyl tert-butyl Ether	2.79	73	72087	46.319	ug/l	98
20) Methylene Chloride	2.52	84	51555	49.761	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	51518	47.693	ug/l	96
22) Diisopropyl ether	3.32	45	178518	48.517	ug/l	93
23) Vinyl Acetate	3.30	43	493928	247.399	ug/l	99
24) 1,1-Dichloroethane	3.22	63	109163	47.685	ug/l	99
25) 2-Butanone	4.01	43	86801	242.351	ug/l	98
26) 2,2-Dichloropropane	3.94	77	65453	50.803	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	64122	49.117	ug/l	99
28) Bromochloromethane	4.29	49	41294	48.881	ug/l	98
29) Tetrahydrofuran	4.38	42	49775	255.517	ug/l	98
30) Chloroform	4.42	83	111493	48.493	ug/l	97
31) Cyclohexane	4.72	56	98693	47.225	ug/l	100
32) 1,1,1-Trichloroethane	4.65	97	95479	49.270	ug/l	99
36) 1,1-Dichloropropene	4.87	75	86228	48.155	ug/l	97
37) Ethyl Acetate	4.12	43	33710	48.985	ug/l	98
38) Carbon Tetrachloride	4.87	117	87446	48.780	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	106209	50.087	ug/l	99
40) Benzene	5.14	78	240703	48.061	ug/l	99
41) Methacrylonitrile	4.30	41	20113	48.494	ug/l	98
42) 1,2-Dichloroethane	5.17	62	73745	47.048	ug/l	99
43) Isopropyl Acetate	5.32	43	66717	49.288	ug/l	98
44) Trichloroethene	5.95	130	64069	48.614	ug/l	95
45) 1,2-Dichloropropane	6.22	63	58455	48.523	ug/l	99
46) Dibromomethane	6.35	93	30110	48.710	ug/l	96
47) Bromodichloromethane	6.55	83	79004	48.366	ug/l	98
48) Methyl methacrylate	6.41	41	33772	48.893	ug/l	98
49) 1,4-Dioxane	6.41	88	7708	978.901	ug/l	95
51) 4-Methyl-2-Pentanone	7.27	43	171166	249.160	ug/l	99
52) Toluene	7.43	92	153382	48.415	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	79906	50.261	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	91828	50.161	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	42193	48.445	ug/l	97
56) Ethyl methacrylate	7.83	69	50413	49.682	ug/l	98
57) 1,3-Dichloropropane	8.05	76	75611	47.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.93	63	2548	160.685	ug/l	94
59) 2-Hexanone	8.18	43	125436	252.450	ug/l	100
60) Dibromochloromethane	8.29	129	50637	49.656	ug/l	99
61) 1,2-Dibromoethane	8.40	107	41837	49.121	ug/l	99
64) Tetrachloroethene	8.02	164	51760	50.200	ug/l	99
65) Chlorobenzene	8.92	112	166668	49.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	57493	49.906	ug/l	98
67) Ethyl Benzene	9.05	91	299155	49.816	ug/l	100
68) m/p-Xylenes	9.18	106	229399	100.623	ug/l	99
69) o-Xylene	9.59	106	107459	50.841	ug/l	99
70) Styrene	9.60	104	173638	51.475	ug/l	99
71) Bromoform	9.77	173	27649	50.895	ug/l #	98
73) Isopropylbenzene	9.97	105	304983	50.857	ug/l	100
74) N-amyl acetate	9.84	43	58393	52.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	50268	49.721	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	38089m	47.905	ug/l	
77) Bromobenzene	10.26	156	63905	49.821	ug/l	99
78) n-propylbenzene	10.40	91	356225	50.107	ug/l	100
79) 2-Chlorotoluene	10.47	91	212830	49.616	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	254439	50.591	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	14724	52.406	ug/l	98
82) 4-Chlorotoluene	10.58	91	250433	49.567	ug/l	99
83) tert-Butylbenzene	10.91	119	241171	50.360	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	257150	50.685	ug/l	100
85) sec-Butylbenzene	11.13	105	316533	50.464	ug/l	99
86) p-Isopropyltoluene	11.29	119	279205	50.838	ug/l	100
87) 1,3-Dichlorobenzene	11.22	146	133028	49.948	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	131300	48.766	ug/l	98
89) n-Butylbenzene	11.70	91	269955	50.640	ug/l	100
90) Hexachloroethane	11.95	117	48936	50.107	ug/l	98
91) 1,2-Dichlorobenzene	11.69	146	117381	49.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8618	50.775	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	78292	51.731	ug/l	99
94) Hexachlorobutadiene	13.49	225	44934	47.904	ug/l	98
95) Naphthalene	13.55	128	140995	53.879	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	66423	51.829	ug/l	100

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

