

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009242.D
 Acq On : 22 Jan 2019 19:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Jan 23 02:01:30 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	81270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	134518	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	126762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64709	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	5.07	65	51318	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	4.64	113	44382	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	7.36	98	173689	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	10.12	95	66085	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.14	85	30276	46.056	ug/l	97
3) Chloromethane	1.25	50	39765	44.939	ug/l	98
4) Vinyl Chloride	1.32	62	46764	46.514	ug/l	100
5) Bromomethane	1.53	94	25818	45.281	ug/l	99
6) Chloroethane	1.59	64	25011	44.509	ug/l	94
7) Trichlorofluoromethane	1.76	101	27595	39.110	ug/l	98
8) Diethyl Ether	1.96	74	22942	51.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.13	101	41935	47.832	ug/l	99
10) Methyl Iodide	2.25	142	65979	47.151	ug/l	98
11) Tert butyl alcohol	2.66	59	18328	312.273	ug/l	98
12) 1,1-Dichloroethene	2.14	96	40373	46.903	ug/l	98
13) Acrolein	2.05	56	14730	289.166	ug/l	95
14) Allyl chloride	2.42	41	67524	45.516	ug/l	98
15) Acrylonitrile	2.76	53	56516	294.015	ug/l	99
16) Acetone	2.17	43	65540	243.731	ug/l	98
17) Carbon Disulfide	2.31	76	122102	46.371	ug/l	100
18) Methyl Acetate	2.45	43	37198	51.792	ug/l	97
19) Methyl tert-butyl Ether	2.80	73	69054	51.681	ug/l	98
20) Methylene Chloride	2.52	84	46098	52.012	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	43218	46.601	ug/l	94
22) Diisopropyl ether	3.32	45	155952	49.367	ug/l	96
23) Vinyl Acetate	3.30	43	474662	276.923	ug/l	99
24) 1,1-Dichloroethane	3.22	63	92742	47.187	ug/l	99
25) 2-Butanone	4.01	43	87595	284.866	ug/l	99
26) 2,2-Dichloropropane	3.95	77	51066	46.168	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	54009	48.187	ug/l	97
28) Bromochloromethane	4.29	49	38004	52.399	ug/l	99
29) Tetrahydrofuran	4.38	42	51789	309.661	ug/l	98
30) Chloroform	4.42	83	92912	47.070	ug/l	99
31) Cyclohexane	4.72	56	82060	45.736	ug/l	98
32) 1,1,1-Trichloroethane	4.65	97	76965	46.261	ug/l	99
36) 1,1-Dichloropropene	4.87	75	70188	46.995	ug/l	99
37) Ethyl Acetate	4.12	43	37023	64.503	ug/l	98
38) Carbon Tetrachloride	4.87	117	70301	47.018	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	88317	49.936	ug/l	98
40) Benzene	5.14	78	201986	48.355	ug/l	100
41) Methacrylonitrile	4.30	41	20281	58.628	ug/l	98
42) 1,2-Dichloroethane	5.17	62	66540	50.897	ug/l	97
43) Isopropyl Acetate	5.32	43	68336	60.527	ug/l	99
44) Trichloroethene	5.96	130	52434	47.702	ug/l	96
45) 1,2-Dichloropropane	6.22	63	50364	50.125	ug/l	100
46) Dibromomethane	6.35	93	28697	55.660	ug/l	99
47) Bromodichloromethane	6.55	83	69501	51.014	ug/l	97
48) Methyl methacrylate	6.41	41	34618	60.089	ug/l	100
49) 1,4-Dioxane	6.41	88	8631	1314.198	ug/l	99
51) 4-Methyl-2-Pentanone	7.27	43	178297	311.178	ug/l	100
52) Toluene	7.43	92	128585	48.663	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	70671	53.296	ug/l	97
54) cis-1,3-Dichloropropene	7.07	75	79302	51.938	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	40134	55.249	ug/l	98
56) Ethyl methacrylate	7.83	69	50284	59.414	ug/l	99
57) 1,3-Dichloropropane	8.05	76	71728	54.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.93	63	3095	234.012	ug/l	91
59) 2-Hexanone	8.18	43	127370	307.343	ug/l	100
60) Dibromochloromethane	8.29	129	45977	54.056	ug/l	99
61) 1,2-Dibromoethane	8.40	107	39886	56.147	ug/l	100
64) Tetrachloroethene	8.02	164	44799	49.663	ug/l	98
65) Chlorobenzene	8.92	112	141283	47.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	49481	49.094	ug/l	97
67) Ethyl Benzene	9.05	91	252246	48.012	ug/l	99
68) m/p-Xylenes	9.18	106	190845	95.684	ug/l	99
69) o-Xylene	9.59	106	89828	48.577	ug/l	100
70) Styrene	9.60	104	150334	50.940	ug/l	98
71) Bromoform	9.77	173	27096	57.011	ug/l	99
73) Isopropylbenzene	9.97	105	254719	47.669	ug/l	100
74) N-amyl acetate	9.84	43	57842	58.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	51403	57.061	ug/l	97
76) 1,2,3-Trichloropropane	10.32	75	39213m	55.350	ug/l	
77) Bromobenzene	10.26	156	56208	49.179	ug/l	98
78) n-propylbenzene	10.40	91	297830	47.016	ug/l	99
79) 2-Chlorotoluene	10.47	91	179115	46.862	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	213595	47.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	15037	60.065	ug/l	98
82) 4-Chlorotoluene	10.58	91	214469	47.640	ug/l	100
83) tert-Butylbenzene	10.91	119	202543	47.466	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	217377	48.085	ug/l	100
85) sec-Butylbenzene	11.13	105	268278	48.001	ug/l	99
86) p-Isopropyltoluene	11.29	119	237230	48.477	ug/l	99
87) 1,3-Dichlorobenzene	11.22	146	114411	48.211	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	115439	48.118	ug/l	98
89) n-Butylbenzene	11.70	91	228648	48.136	ug/l	99
90) Hexachloroethane	11.95	117	41669	47.883	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	103709	49.506	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9097	60.151	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	68609	50.876	ug/l	100
94) Hexachlorobutadiene	13.49	225	39746	47.555	ug/l	99
95) Naphthalene	13.55	128	134682	57.760	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	60418	52.908	ug/l	99

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

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