

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009257.D
 Acq On : 24 Jan 2019 13:48
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:31 AM

Quant Time: Jan 24 14:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	78353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	130955	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	122469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	63658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	48863	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	4.64	113	44573	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	7.36	98	168432	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	10.12	95	64762	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34460	54.373	ug/l 98
3) Chloromethane	1.25	50	43459	50.942	ug/l 99
4) Vinyl Chloride	1.33	62	44784	46.203	ug/l 98
5) Bromomethane	1.53	94	23785	43.269	ug/l 96
6) Chloroethane	1.60	64	22779	42.046	ug/l 96
7) Trichlorofluoromethane	1.76	101	20309	29.855	ug/l 96
8) Diethyl Ether	1.96	74	20081	46.937	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.14	101	37968	44.919	ug/l 97
10) Methyl Iodide	2.26	142	59561	44.149	ug/l 98
11) Tert butyl alcohol	2.66	59	17147	302.331	ug/l 95
12) 1,1-Dichloroethene	2.14	96	37734	45.469	ug/l 93
13) Acrolein	2.06	56	11456	229.962	ug/l 99
14) Allyl chloride	2.42	41	54679	38.229	ug/l 96
15) Acrylonitrile	2.76	53	48227	260.233	ug/l 98
16) Acetone	2.18	43	55443	213.858	ug/l 97
17) Carbon Disulfide	2.32	76	109165	43.002	ug/l 98
18) Methyl Acetate	2.45	43	29923	43.213	ug/l 99
19) Methyl tert-butyl Ether	2.80	73	59678	46.327	ug/l 98
20) Methylene Chloride	2.53	84	39350	45.537	ug/l 99
21) trans-1,2-Dichloroethene	2.78	96	37751	42.222	ug/l 96
22) Diisopropyl ether	3.32	45	129887	42.647	ug/l 88
23) Vinyl Acetate	3.30	43	417926	252.900	ug/l 99
24) 1,1-Dichloroethane	3.22	63	79977	42.208	ug/l 98
25) 2-Butanone	4.01	43	79815	269.228	ug/l 100
26) 2,2-Dichloropropane	3.95	77	42129	39.506	ug/l 96
27) cis-1,2-Dichloroethene	3.95	96	48409	44.799	ug/l 94
28) Bromochloromethane	4.29	49	35347	50.550	ug/l 95
29) Tetrahydrofuran	4.39	42	47650	295.520	ug/l 97
30) Chloroform	4.42	83	80170	42.127	ug/l 96
31) Cyclohexane	4.72	56	72551	41.941	ug/l 95
32) 1,1,1-Trichloroethane	4.65	97	63871	39.820	ug/l 99
36) 1,1-Dichloropropene	4.87	75	62423	42.933	ug/l 100
37) Ethyl Acetate	4.12	43	33454	59.870	ug/l 96
38) Carbon Tetrachloride	4.87	117	60098	41.288	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	78644	45.677	ug/l	98
40) Benzene	5.14	78	180323	44.343	ug/l	98
41) Methacrylonitrile	4.31	41	18491	54.908	ug/l	96
42) 1,2-Dichloroethane	5.18	62	55914	43.933	ug/l	96
43) Isopropyl Acetate	5.32	43	62539	56.900	ug/l	99
44) Trichloroethene	5.96	130	47087	44.003	ug/l	97
45) 1,2-Dichloropropane	6.22	63	43914	44.894	ug/l	99
46) Dibromomethane	6.35	93	25689	51.182	ug/l	97
47) Bromodichloromethane	6.55	83	58883	44.396	ug/l	100
48) Methyl methacrylate	6.42	41	30458	54.306	ug/l	97
49) 1,4-Dioxane	6.41	88	8533	1334.627	ug/l	86
51) 4-Methyl-2-Pentanone	7.27	43	161812	290.090	ug/l	100
52) Toluene	7.43	92	112606	43.775	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	60358	46.757	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	68400	46.016	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	35812	50.641	ug/l	98
56) Ethyl methacrylate	7.83	69	43716	53.059	ug/l	99
57) 1,3-Dichloropropane	8.05	76	62111	48.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.94	63	2754	213.895	ug/l	95
59) 2-Hexanone	8.18	43	115569	286.455	ug/l	99
60) Dibromochloromethane	8.29	129	40882	49.374	ug/l	98
61) 1,2-Dibromoethane	8.40	107	35486	51.313	ug/l	98
64) Tetrachloroethene	8.02	164	38727	44.437	ug/l	98
65) Chlorobenzene	8.93	112	123860	43.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	42795	43.948	ug/l	98
67) Ethyl Benzene	9.05	91	215609	42.477	ug/l	100
68) m/p-Xylenes	9.18	106	168875	87.636	ug/l	96
69) o-Xylene	9.59	106	77782	43.538	ug/l	99
70) Styrene	9.60	104	129256	45.333	ug/l	97
71) Bromoform	9.78	173	23666	51.539	ug/l #	98
73) Isopropylbenzene	9.97	105	217841	41.441	ug/l	99
74) N-amyl acetate	9.84	43	51440	52.918	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.29	83	45897	51.791	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	36245m	52.005	ug/l	
77) Bromobenzene	10.26	156	50375	44.803	ug/l	95
78) n-propylbenzene	10.40	91	257885	41.383	ug/l	99
79) 2-Chlorotoluene	10.47	91	153463	40.814	ug/l	99
80) 1,3,5-Trimethylbenzene	10.59	105	184292	41.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	12987	52.733	ug/l	98
82) 4-Chlorotoluene	10.58	91	182956	41.311	ug/l	99
83) tert-Butylbenzene	10.91	119	177133	42.196	ug/l	97
84) 1,2,4-Trimethylbenzene	10.96	105	187513	42.164	ug/l	99
85) sec-Butylbenzene	11.13	105	228857	41.624	ug/l	100
86) p-Isopropyltoluene	11.29	119	201924	41.944	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	100432	43.019	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	102142	43.279	ug/l	100
89) n-Butylbenzene	11.70	91	193459	41.400	ug/l	99
90) Hexachloroethane	11.95	117	34932	40.804	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	90147	43.743	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	7665	51.519	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	63129	47.586	ug/l	100
94) Hexachlorobutadiene	13.49	225	35958	43.733	ug/l	99
95) Naphthalene	13.55	128	127378	55.530	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	55889	49.750	ug/l	100

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

