

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090219\
 Data File : VX012013.D
 Acq On : 02 Sep 2019 13:48
 Operator : SY/SP
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 9/3/2019 2:15:59 PM

Quant Time: Sep 03 04:58:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	554735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	519204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	196719	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.48	113	188515	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	692545	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
62) 4-Bromofluorobenzene	11.14	95	276705	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	126501	48.742	ug/l	100
3) Chloromethane	1.31	50	126033	43.112	ug/l	100
4) Vinyl Chloride	1.39	62	129277	45.824	ug/l	100
5) Bromomethane	1.62	94	89140	45.504	ug/l	100
6) Chloroethane	1.71	64	81485	46.474	ug/l	100
7) Trichlorofluoromethane	1.92	101	234620	47.627	ug/l	100
8) Diethyl Ether	2.17	74	70403	42.260	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	151068	47.143	ug/l	100
10) Methyl Iodide	2.50	142	161274	54.019	ug/l	100
11) Tert butyl alcohol	3.03	59	75139	197.433	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140147	47.252	ug/l	100
13) Acrolein	2.28	56	28087	152.839	ug/l	100
14) Allyl chloride	2.72	41	233002	42.638	ug/l	100
15) Acrylonitrile	3.12	53	185452	205.851	ug/l	100
16) Acetone	2.43	43	179373	208.504	ug/l	100
17) Carbon Disulfide	2.56	76	418260	49.038	ug/l	100
18) Methyl Acetate	2.76	43	90045	38.308	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	406514	42.958	ug/l	100
20) Methylene Chloride	2.84	84	156485	36.757	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	162709	46.678	ug/l	100
22) Diisopropyl ether	3.84	45	462513	41.592	ug/l	100
23) Vinyl Acetate	3.80	43	1535819	215.136	ug/l	100
24) 1,1-Dichloroethane	3.68	63	270067	43.719	ug/l	100
25) 2-Butanone	4.65	43	256306	207.277	ug/l	100
26) 2,2-Dichloropropane	4.57	77	247628	47.046	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	185629	45.458	ug/l	100
28) Bromochloromethane	5.00	49	122646	45.040	ug/l	100
29) Tetrahydrofuran	5.11	42	160732	208.351	ug/l	100
30) Chloroform	5.19	83	292332	44.096	ug/l	100
31) Cyclohexane	5.56	56	229964	45.543	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	277422	46.674	ug/l	100
36) 1,1-Dichloropropene	5.79	75	217559	49.545	ug/l	100
37) Ethyl Acetate	4.81	43	111768	44.179	ug/l	100
38) Carbon Tetrachloride	5.77	117	262777	51.220	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	259625	49.349	ug/l	100
40) Benzene	6.13	78	615993	47.460	ug/l	100
41) Methacrylonitrile	5.03	41	66339	44.367	ug/l	100
42) 1,2-Dichloroethane	6.18	62	208536	47.326	ug/l	100
43) Isopropyl Acetate	6.43	43	226416	44.041	ug/l	100
44) Trichloroethene	7.20	130	205221	50.420	ug/l	100
45) 1,2-Dichloropropane	7.50	63	154500	45.766	ug/l	100
46) Dibromomethane	7.65	93	94263	46.838	ug/l	100
47) Bromodichloromethane	7.89	83	233730	46.912	ug/l	100
48) Methyl methacrylate	7.76	41	110954	44.357	ug/l	100
49) 1,4-Dioxane	7.73	88	29555	863.858	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	566881	217.470	ug/l	100
52) Toluene	8.78	92	415724	48.210	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	238486	46.744	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	266694	46.573	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	135213	45.922	ug/l	100
56) Ethyl methacrylate	9.17	69	184224	45.403	ug/l	100
57) 1,3-Dichloropropane	9.37	76	224528	46.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	425835	223.875	ug/l	100
59) 2-Hexanone	9.48	43	404077	218.063	ug/l	100
60) Dibromochloromethane	9.57	129	188318	47.500	ug/l	100
61) 1,2-Dibromoethane	9.67	107	136846	46.872	ug/l	100
64) Tetrachloroethene	9.33	164	209257	49.915	ug/l	100
65) Chlorobenzene	10.14	112	481088	48.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	192515	47.653	ug/l	100
67) Ethyl Benzene	10.25	91	818137	48.106	ug/l	100
68) m/p-Xylenes	10.36	106	641492	97.543	ug/l	100
69) o-Xylene	10.70	106	307615	48.068	ug/l	100
70) Styrene	10.71	104	536311	47.750	ug/l	100
71) Bromoform	10.86	173	137146	48.024	ug/l #	100
73) Isopropylbenzene	11.01	105	847914	48.380	ug/l	100
74) N-amyl acetate	10.89	43	220992	43.472	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157179	44.585	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	115063m	39.789	ug/l	
77) Bromobenzene	11.25	156	246020	48.385	ug/l	100
78) n-propylbenzene	11.35	91	953306	48.139	ug/l	100
79) 2-Chlorotoluene	11.42	91	557468	46.893	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	722514	47.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51594	43.931	ug/l	100
82) 4-Chlorotoluene	11.51	91	670972	46.836	ug/l	100
83) tert-Butylbenzene	11.77	119	750029	48.805	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	733433	47.512	ug/l	100
85) sec-Butylbenzene	11.94	105	861563	48.430	ug/l	100
86) p-Isopropyltoluene	12.06	119	840544	48.677	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	452518	48.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	454750	47.774	ug/l	100
89) n-Butylbenzene	12.39	91	725700	47.620	ug/l	100
90) Hexachloroethane	12.59	117	158781	47.576	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	418590	47.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31507	44.896	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	359420	48.628	ug/l	100
94) Hexachlorobutadiene	13.78	225	253029	50.774	ug/l	100
95) Naphthalene	13.83	128	571195	45.811	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	322058	48.347	ug/l	100

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

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