

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011887.D
 Acq On : 29 Aug 2019 22:09
 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

MMDadoda
 9/3/2019 2:39:18 AM

Quant Time: Aug 30 01:48:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:36:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	339174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	475150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	164813	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.48	113	155089	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	8.71	98	570088	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.13	95	231841	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96130	46.393	ug/l	100
3) Chloromethane	1.32	50	115379	47.409	ug/l	100
4) Vinyl Chloride	1.40	62	110199	47.711	ug/l	100
5) Bromomethane	1.63	94	74355	50.014	ug/l	100
6) Chloroethane	1.71	64	69992	50.836	ug/l	100
7) Trichlorofluoromethane	1.92	101	193074	49.402	ug/l	100
8) Diethyl Ether	2.18	74	64665	49.754	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125842	54.886	ug/l	100
10) Methyl Iodide	2.49	142	133055	63.920	ug/l	100
11) Tert butyl alcohol	3.03	59	75170	268.606	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119183	52.530	ug/l	100
13) Acrolein	2.28	56	36754	276.940	ug/l	100
14) Allyl chloride	2.71	41	223408	54.139	ug/l	100
15) Acrylonitrile	3.13	53	188213	268.854	ug/l	100
16) Acetone	2.43	43	166208	137.023	ug/l	100
17) Carbon Disulfide	2.56	76	349554	51.448	ug/l	100
18) Methyl Acetate	2.76	43	92014	35.846	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	383040	51.742	ug/l	100
20) Methylene Chloride	2.84	84	150850	49.389	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	140391	50.000	ug/l	100
22) Diisopropyl ether	3.84	45	454191	50.798	ug/l	100
23) Vinyl Acetate	3.80	43	1511633	387.223	ug/l	100
24) 1,1-Dichloroethane	3.68	63	251626	49.752	ug/l	100
25) 2-Butanone	4.66	43	257729	262.204	ug/l	100
26) 2,2-Dichloropropane	4.57	77	208178	58.741	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	165928	50.022	ug/l	100
28) Bromochloromethane	5.00	49	125715	55.884	ug/l	100
29) Tetrahydrofuran	5.11	42	161892	264.507	ug/l	100
30) Chloroform	5.20	83	266056	48.800	ug/l	100
31) Cyclohexane	5.56	56	196657	47.735	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	237362	51.596	ug/l	100
36) 1,1-Dichloropropene	5.79	75	187305	49.977	ug/l	100
37) Ethyl Acetate	4.82	43	114126	64.617	ug/l	100
38) Carbon Tetrachloride	5.77	117	216522	59.284	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215636	48.123	ug/l	100
40) Benzene	6.13	78	563401	50.302	ug/l	100
41) Methacrylonitrile	5.02	41	66203	55.040	ug/l	100
42) 1,2-Dichloroethane	6.18	62	192709	51.563	ug/l	100
43) Isopropyl Acetate	6.43	43	228183	64.834	ug/l	100
44) Trichloroethene	7.21	130	172850	44.692	ug/l	100
45) 1,2-Dichloropropane	7.51	63	146610	51.415	ug/l	100
46) Dibromomethane	7.65	93	86893	50.926	ug/l	100
47) Bromodichloromethane	7.89	83	217550	55.019	ug/l	100
48) Methyl methacrylate	7.76	41	111720	64.525	ug/l	100
49) 1,4-Dioxane	7.73	88	30851	1233.869	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	578970	309.075	ug/l	100
52) Toluene	8.78	92	370339	50.444	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	222465	72.062	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	249073	63.000	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125305	54.060	ug/l	100
56) Ethyl methacrylate	9.17	69	178424	74.147	ug/l	100
57) 1,3-Dichloropropane	9.37	76	210598	56.280	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	452985	585.641	ug/l	100
59) 2-Hexanone	9.49	43	410690	333.648	ug/l	100
60) Dibromochloromethane	9.58	129	171496	57.479	ug/l	100
61) 1,2-Dibromoethane	9.66	107	126551	58.198	ug/l	100
64) Tetrachloroethene	9.33	164	176732	39.523	ug/l	100
65) Chlorobenzene	10.13	112	428695	50.504	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	173828	56.954	ug/l	100
67) Ethyl Benzene	10.25	91	734846	50.633	ug/l	100
68) m/p-Xylenes	10.35	106	570965	101.844	ug/l	100
69) o-Xylene	10.69	106	276268	51.365	ug/l	100
70) Styrene	10.71	104	494308	56.080	ug/l	100
71) Bromoform	10.85	173	124004	59.862	ug/l #	100
73) Isopropylbenzene	11.01	105	739644	47.791	ug/l	100
74) N-amyl acetate	10.89	43	223502	58.759	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	153181	59.772	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	128810m	63.461	ug/l	
77) Bromobenzene	11.25	156	214181	49.256	ug/l	100
78) n-propylbenzene	11.35	91	849953	48.734	ug/l	100
79) 2-Chlorotoluene	11.41	91	505746	48.037	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	647506	49.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50234	89.944	ug/l	100
82) 4-Chlorotoluene	11.51	91	612925	48.871	ug/l	100
83) tert-Butylbenzene	11.77	119	649549	51.329	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	657169	50.581	ug/l	100
85) sec-Butylbenzene	11.94	105	761828	50.053	ug/l	100
86) p-Isopropyltoluene	12.06	119	738517	52.020	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	401477	49.590	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	404847	50.149	ug/l	100
89) n-Butylbenzene	12.38	91	647692	51.856	ug/l	100
90) Hexachloroethane	12.59	117	140402	71.939	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	374049	50.851	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30804	76.689	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	314623	53.298	ug/l	100
94) Hexachlorobutadiene	13.78	225	209049	53.751	ug/l	100
95) Naphthalene	13.83	128	556603	63.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287751	55.756	ug/l	100

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

