

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011882.D
 Acq On : 28 Aug 2019 21:32
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 12:20:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	317800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	476145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246158	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	158953	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
35) Dibromofluoromethane	5.49	113	142583	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	544797	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	214440	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	81667	41.447	ug/l 100
3) Chloromethane	1.32	50	111713	44.714	ug/l 98
4) Vinyl Chloride	1.40	62	103070	45.218	ug/l 100
5) Bromomethane	1.63	94	69699	52.146	ug/l 100
6) Chloroethane	1.71	64	64617	44.272	ug/l 99
7) Trichlorofluoromethane	1.92	101	164679	43.951	ug/l 98
8) Diethyl Ether	2.18	74	64173	56.168	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107403	44.601	ug/l 99
10) Methyl Iodide	2.50	142	108762	43.921	ug/l 99
11) Tert butyl alcohol	3.03	59	55965	330.866	ug/l 100
12) 1,1-Dichloroethene	2.37	96	120478	50.566	ug/l 98
13) Acrolein	2.29	56	26720	251.315	ug/l 100
14) Allyl chloride	2.72	41	189466	47.090	ug/l 98
15) Acrylonitrile	3.14	53	169746	279.552	ug/l 99
16) Acetone	2.43	43	231586	291.753	ug/l 100
17) Carbon Disulfide	2.56	76	333655	46.390	ug/l 100
18) Methyl Acetate	2.76	43	119600	73.948	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	362066	55.911	ug/l 98
20) Methylene Chloride	2.85	84	149818	56.205	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	136947	50.832	ug/l 99
22) Diisopropyl ether	3.84	45	430364	53.868	ug/l 95
23) Vinyl Acetate	3.81	43	800625	227.695	ug/l 98
24) 1,1-Dichloroethane	3.68	63	243562	51.699	ug/l 99
25) 2-Butanone	4.66	43	217817	263.641	ug/l 97
26) 2,2-Dichloropropane	4.57	77	146394	38.108	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	162842	52.982	ug/l 97
28) Bromochloromethane	5.01	49	111201	52.574	ug/l 98
29) Tetrahydrofuran	5.12	42	141578	289.569	ug/l 100
30) Chloroform	5.20	83	262319	53.213	ug/l 97
31) Cyclohexane	5.57	56	179843	43.843	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	209795	47.327	ug/l 100
36) 1,1-Dichloropropene	5.79	75	174435	44.537	ug/l 99
37) Ethyl Acetate	4.82	43	81553	49.520	ug/l 100
38) Carbon Tetrachloride	5.77	117	153821	40.307	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195281	40.797	ug/l	98
40) Benzene	6.13	78	551648	48.830	ug/l	99
41) Methacrylonitrile	5.03	41	58587	52.443	ug/l	99
42) 1,2-Dichloroethane	6.18	62	187468	52.262	ug/l	99
43) Isopropyl Acetate	6.43	43	159959	49.437	ug/l	100
44) Trichloroethene	7.21	130	191322	50.379	ug/l	100
45) 1,2-Dichloropropane	7.51	63	139475	49.615	ug/l	99
46) Dibromomethane	7.65	93	86090	51.692	ug/l	99
47) Bromodichloromethane	7.89	83	190357	48.611	ug/l	98
48) Methyl methacrylate	7.76	41	82870	51.215	ug/l	98
49) 1,4-Dioxane	7.74	88	19471	1116.763	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	362670	278.259	ug/l	100
52) Toluene	8.78	92	353187	48.513	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	137188	41.119	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184205	43.731	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113728	52.401	ug/l	98
56) Ethyl methacrylate	9.18	69	106931	50.531	ug/l	99
57) 1,3-Dichloropropane	9.37	76	182664	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	146280	218.844	ug/l	100
59) 2-Hexanone	9.49	43	226259	271.651	ug/l	99
60) Dibromochloromethane	9.58	129	141045	48.837	ug/l	99
61) 1,2-Dibromoethane	9.66	107	104780	49.308	ug/l	99
64) Tetrachloroethene	9.34	164	222419	50.480	ug/l	95
65) Chlorobenzene	10.13	112	392486	46.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	138392	44.987	ug/l	100
67) Ethyl Benzene	10.25	91	654726	45.456	ug/l	99
68) m/p-Xylenes	10.35	106	500647	91.311	ug/l	99
69) o-Xylene	10.69	106	241205	46.751	ug/l	99
70) Styrene	10.71	104	401753	47.083	ug/l	100
71) Bromoform	10.85	173	93543	46.928	ug/l	98
73) Isopropylbenzene	11.01	105	612872	43.115	ug/l	100
74) N-amyl acetate	6.43	43	159959	44.687	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.26	83	106817	44.910	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	84937m	44.924	ug/l	
77) Bromobenzene	11.25	156	180407	45.525	ug/l	99
78) n-propylbenzene	11.35	91	670577	42.885	ug/l	100
79) 2-Chlorotoluene	11.41	91	429987	43.880	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	526305	44.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18785	36.572	ug/l	97
82) 4-Chlorotoluene	11.51	91	503974	44.364	ug/l	99
83) tert-Butylbenzene	11.77	119	481484	43.443	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	510403	45.116	ug/l	100
85) sec-Butylbenzene	11.94	105	563564	43.772	ug/l	100
86) p-Isopropyltoluene	12.06	119	520023	43.851	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320500	45.041	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	310286	45.024	ug/l	99
89) n-Butylbenzene	12.38	91	425866	43.287	ug/l	100
90) Hexachloroethane	12.59	117	71922	37.792	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	284458	46.826	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15330	45.778	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.65	180	200030	47.446	ug/l	100
94) Hexachlorobutadiene	13.78	225	138983	45.213	ug/l	99
95) Naphthalene	13.83	128	261129	51.514	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	169684	49.605	ug/l	98

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

