

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011920.D
 Acq On : 30 Aug 2019 21:46
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:41:10 AM

Quant Time: Aug 31 03:07:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	311004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	447778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	149702	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.48	113	139270	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	496002	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	208213	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	92488	49.273	ug/l 99
3) Chloromethane	1.31	50	111084	51.050	ug/l 99
4) Vinyl Chloride	1.40	62	104870	50.471	ug/l 99
5) Bromomethane	1.62	94	76556	53.249	ug/l 99
6) Chloroethane	1.71	64	69859	54.021	ug/l 99
7) Trichlorofluoromethane	1.92	101	183484	50.847	ug/l 99
8) Diethyl Ether	2.17	74	67740	54.622	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120869	51.393	ug/l 100
10) Methyl Iodide	2.50	142	128017	49.866	ug/l 98
11) Tert butyl alcohol	3.03	59	81577	284.568	ug/l 99
12) 1,1-Dichloroethene	2.36	96	114657	52.491	ug/l 99
13) Acrolein	2.28	56	33508	234.845	ug/l 97
14) Allyl chloride	2.72	41	223078	54.443	ug/l 99
15) Acrylonitrile	3.12	53	197922	290.551	ug/l 99
16) Acetone	2.43	43	172113	268.460	ug/l 99
17) Carbon Disulfide	2.56	76	324175	51.741	ug/l 99
18) Methyl Acetate	2.76	43	107751	60.715	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	402941	56.941	ug/l 97
20) Methylene Chloride	2.84	84	152901	56.535	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	139948	54.390	ug/l 99
22) Diisopropyl ether	3.84	45	465429	55.641	ug/l 97
23) Vinyl Acetate	3.80	43	1499778	278.872	ug/l 100
24) 1,1-Dichloroethane	3.68	63	255203	55.325	ug/l 100
25) 2-Butanone	4.65	43	267797	286.796	ug/l 99
26) 2,2-Dichloropropane	4.56	77	202978	52.464	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	171169	56.477	ug/l 100
28) Bromochloromethane	5.00	49	111202	53.725	ug/l 99
29) Tetrahydrofuran	5.11	42	169167	290.258	ug/l 100
30) Chloroform	5.19	83	276690	56.099	ug/l 97
31) Cyclohexane	5.56	56	181402	48.756	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	239238	54.605	ug/l 100
36) 1,1-Dichloropropene	5.78	75	183209	51.645	ug/l 99
37) Ethyl Acetate	4.81	43	116263	55.366	ug/l 99
38) Carbon Tetrachloride	5.77	117	213708	51.943	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	202064	47.821	ug/l	99
40) Benzene	6.13	78	571022	53.926	ug/l	99
41) Methacrylonitrile	5.03	41	70971	57.401	ug/l	99
42) 1,2-Dichloroethane	6.18	62	200704	55.735	ug/l	100
43) Isopropyl Acetate	6.43	43	235726	55.368	ug/l	100
44) Trichloroethene	7.20	130	174611	53.295	ug/l	95
45) 1,2-Dichloropropane	7.50	63	149810	54.086	ug/l	97
46) Dibromomethane	7.65	93	91096	55.417	ug/l	99
47) Bromodichloromethane	7.89	83	224609	55.102	ug/l	99
48) Methyl methacrylate	7.76	41	117829	56.881	ug/l	99
49) 1,4-Dioxane	7.73	88	33909	1190.381	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	609675	281.890	ug/l	100
52) Toluene	8.78	92	379931	54.234	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	228048	54.617	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	255030	54.411	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	132199	54.933	ug/l	99
56) Ethyl methacrylate	9.17	69	183301	54.881	ug/l	100
57) 1,3-Dichloropropane	9.37	76	219661	54.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	421662	265.062	ug/l	98
59) 2-Hexanone	9.48	43	429928	279.842	ug/l	100
60) Dibromochloromethane	9.57	129	183103	56.650	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133357	55.892	ug/l	100
64) Tetrachloroethene	9.33	164	186659	54.482	ug/l	99
65) Chlorobenzene	10.14	112	447736	54.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	182334	54.629	ug/l	99
67) Ethyl Benzene	10.25	91	748853	53.338	ug/l	100
68) m/p-Xylenes	10.35	106	584000	107.725	ug/l	100
69) o-Xylene	10.70	106	287806	54.480	ug/l	98
70) Styrene	10.71	104	512260	55.014	ug/l	100
71) Bromoform	10.85	173	132863	56.296	ug/l #	100
73) Isopropylbenzene	11.01	105	760216	52.226	ug/l	100
74) N-amyl acetate	10.89	43	226752	52.492	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	161821	54.320	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	141601m	56.820	ug/l	
77) Bromobenzene	11.25	156	229666	54.402	ug/l	98
78) n-propylbenzene	11.35	91	864415	52.369	ug/l	100
79) 2-Chlorotoluene	11.42	91	528033	53.147	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	666476	53.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51730	52.147	ug/l	99
82) 4-Chlorotoluene	11.51	91	628798	52.461	ug/l	99
83) tert-Butylbenzene	11.77	119	678372	53.211	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	683293	53.066	ug/l	99
85) sec-Butylbenzene	11.94	105	771661	52.111	ug/l	100
86) p-Isopropyltoluene	12.06	119	760614	52.972	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	422037	53.790	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	425704	53.671	ug/l	99
89) n-Butylbenzene	12.39	91	658357	51.825	ug/l	99
90) Hexachloroethane	12.59	117	146606	52.777	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	393413	53.932	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32831	55.325	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	334221	54.414	ug/l	100
94) Hexachlorobutadiene	13.78	225	218474	53.261	ug/l	100
95) Naphthalene	13.83	128	579354	54.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	301551	54.291	ug/l	99

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

