

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011907.D
 Acq On : 30 Aug 2019 14:07
 Operator : SY/SP
 Sample : VX0830SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:41:07 AM

Quant Time: Aug 31 02:17:29 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	5.65	168	365991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	503810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	476479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	172070	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	161222	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	584680	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.14	95	240562	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	49430	22.377	ug/l	100
3) Chloromethane	1.31	50	50857	19.861	ug/l	99
4) Vinyl Chloride	1.39	62	49390	20.199	ug/l	96
5) Bromomethane	1.62	94	35138	20.769	ug/l	100
6) Chloroethane	1.70	64	30194	19.841	ug/l	93
7) Trichlorofluoromethane	1.91	101	87670	20.645	ug/l	97
8) Diethyl Ether	2.17	74	29424	20.161	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57369	20.728	ug/l	99
10) Methyl Iodide	2.50	142	40703	16.156	ug/l	99
11) Tert butyl alcohol	3.03	59	36133	107.107	ug/l	98
12) 1,1-Dichloroethene	2.36	96	51492	20.032	ug/l	99
13) Acrolein	2.28	56	18155	108.125	ug/l	98
14) Allyl chloride	2.71	41	96233	19.957	ug/l	100
15) Acrylonitrile	3.12	53	84318	105.183	ug/l	98
16) Acetone	2.43	43	77401	102.591	ug/l	99
17) Carbon Disulfide	2.55	76	135469	18.373	ug/l	98
18) Methyl Acetate	2.76	43	49425	23.666	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	173931	20.886	ug/l	99
20) Methylene Chloride	2.84	84	69450	18.477	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	60817	20.085	ug/l	98
22) Diisopropyl ether	3.84	45	200430	20.361	ug/l	95
23) Vinyl Acetate	3.80	43	640025	101.128	ug/l	100
24) 1,1-Dichloroethane	3.68	63	110719	20.396	ug/l	100
25) 2-Butanone	4.65	43	114640	104.327	ug/l	95
26) 2,2-Dichloropropane	4.57	77	96192	21.127	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	74166	20.794	ug/l	98
28) Bromochloromethane	5.00	49	47358	19.442	ug/l	98
29) Tetrahydrofuran	5.11	42	73373	106.979	ug/l	99
30) Chloroform	5.19	83	118882	20.482	ug/l	94
31) Cyclohexane	5.56	56	89495	20.440	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	105429	20.448	ug/l	99
36) 1,1-Dichloropropene	5.78	75	80504	20.169	ug/l	99
37) Ethyl Acetate	4.82	43	49140	20.799	ug/l	98
38) Carbon Tetrachloride	5.77	117	95838	20.703	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	98855	20.793	ug/l	97
40) Benzene	6.13	78	244831	20.550	ug/l	100
41) Methacrylonitrile	5.03	41	29739	21.378	ug/l	98
42) 1,2-Dichloroethane	6.18	62	85309	21.055	ug/l	100
43) Isopropyl Acetate	6.43	43	99480	20.768	ug/l	100
44) Trichloroethene	7.20	130	75469	20.473	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64788	20.789	ug/l	100
46) Dibromomethane	7.65	93	38465	20.797	ug/l	98
47) Bromodichloromethane	7.89	83	94850	20.681	ug/l	97
48) Methyl methacrylate	7.76	41	49252	21.132	ug/l	99
49) 1,4-Dioxane	7.73	88	13698	427.390	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	260116	106.892	ug/l	100
52) Toluene	8.78	92	162184	20.576	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	97970	20.854	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	108783	20.628	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	57197	21.124	ug/l	98
56) Ethyl methacrylate	9.17	69	77897	20.729	ug/l	99
57) 1,3-Dichloropropane	9.37	76	94867	21.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	182128	101.755	ug/l	100
59) 2-Hexanone	9.48	43	185009	107.030	ug/l	100
60) Dibromochloromethane	9.57	129	76327	20.988	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56780	21.151	ug/l	100
64) Tetrachloroethene	9.33	164	78434	20.464	ug/l	98
65) Chlorobenzene	10.14	112	190854	20.670	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	78270	20.962	ug/l	99
67) Ethyl Benzene	10.25	91	321664	20.480	ug/l	100
68) m/p-Xylenes	10.35	106	248751	41.016	ug/l	99
69) o-Xylene	10.70	106	120962	20.468	ug/l	99
70) Styrene	10.71	104	215070	20.647	ug/l	99
71) Bromoform	10.85	173	55341	20.961	ug/l #	99
73) Isopropylbenzene	11.01	105	330265	20.659	ug/l	100
74) N-amyl acetate	10.89	43	96330	20.305	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	68831	21.038	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60502m	22.105	ug/l	
77) Bromobenzene	11.25	156	96084	20.723	ug/l	99
78) n-propylbenzene	11.35	91	374132	20.638	ug/l	99
79) 2-Chlorotoluene	11.42	91	225070	20.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	283540	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22761	20.892	ug/l	100
82) 4-Chlorotoluene	11.51	91	269152	20.446	ug/l	100
83) tert-Butylbenzene	11.76	119	294768	21.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	288442	20.397	ug/l	100
85) sec-Butylbenzene	11.94	105	338347	20.805	ug/l	100
86) p-Isopropyltoluene	12.06	119	326447	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	177809	20.635	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	176556	20.268	ug/l	97
89) n-Butylbenzene	12.38	91	286159	20.511	ug/l	100
90) Hexachloroethane	12.59	117	63671	20.870	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	164279	20.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13309	20.421	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140469	20.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	94744	21.031	ug/l	99
95) Naphthalene	13.83	128	238923	20.637	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124405	20.394	ug/l	98

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

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