

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012379.D
 Acq On : 13 Sep 2019 11:43
 Operator : SY/SP
 Sample : VX0913SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:13:06 AM

Quant Time: Sep 13 12:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	254040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86759	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
35) Dibromofluoromethane	5.48	113	72787	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	8.71	98	286909	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	113569	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23440	18.997	ug/l	99
3) Chloromethane	1.31	50	21056	18.931	ug/l	100
4) Vinyl Chloride	1.40	62	21509	19.504	ug/l	98
5) Bromomethane	1.62	94	9734	18.896	ug/l	99
6) Chloroethane	1.71	64	14679	19.906	ug/l	96
7) Trichlorofluoromethane	1.92	101	38177	19.128	ug/l	100
8) Diethyl Ether	2.17	74	11512	16.903	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27972	20.795	ug/l	99
10) Methyl Iodide	2.50	142	15472	12.085	ug/l	99
11) Tert butyl alcohol	3.03	59	14089m	54.976	ug/l	
12) 1,1-Dichloroethene	2.36	96	23034	20.170	ug/l	99
13) Acrolein	2.28	56	6868	61.575	ug/l	94
14) Allyl chloride	2.72	41	40544	17.414	ug/l	98
15) Acrylonitrile	3.13	53	30921	73.447	ug/l	99
16) Acetone	2.43	43	35889	71.051	ug/l	98
17) Carbon Disulfide	2.56	76	41800	17.430	ug/l	98
18) Methyl Acetate	2.76	43	16005	15.075	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	72796	16.141	ug/l	100
20) Methylene Chloride	2.84	84	28242	16.137	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	25690	18.855	ug/l	95
22) Diisopropyl ether	3.84	45	90615	17.018	ug/l	98
23) Vinyl Acetate	3.80	43	253606	77.628	ug/l	100
24) 1,1-Dichloroethane	3.68	63	52807	18.515	ug/l	99
25) 2-Butanone	4.66	43	46561	72.108	ug/l	100
26) 2,2-Dichloropropane	4.57	77	49724	18.569	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	31130	17.697	ug/l	98
28) Bromochloromethane	5.00	49	20200	15.101	ug/l	99
29) Tetrahydrofuran	5.12	42	25169	72.244	ug/l	99
30) Chloroform	5.19	83	57866	17.992	ug/l	97
31) Cyclohexane	5.57	56	37918	19.138	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	50572	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37552	20.272	ug/l	98
37) Ethyl Acetate	4.82	43	18345	16.021	ug/l #	92
38) Carbon Tetrachloride	5.77	117	41389	19.044	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	41423	20.377	ug/l	98
40) Benzene	6.13	78	107861	19.239	ug/l	96
41) Methacrylonitrile	5.03	41	11034	15.631	ug/l	96
42) 1,2-Dichloroethane	6.18	62	38398	17.329	ug/l	99
43) Isopropyl Acetate	6.43	43	37710	15.620	ug/l	99
44) Trichloroethene	7.20	130	30185	19.895	ug/l	99
45) 1,2-Dichloropropane	7.51	63	28844	18.587	ug/l	98
46) Dibromomethane	7.65	93	14584	17.195	ug/l	96
47) Bromodichloromethane	7.89	83	40481	17.490	ug/l	97
48) Methyl methacrylate	7.76	41	17065	14.768	ug/l	96
49) 1,4-Dioxane	7.73	88	4836	310.142	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	96761	75.942	ug/l	99
52) Toluene	8.78	92	72268	19.516	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	37309	16.150	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43553	17.002	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22911	17.436	ug/l	97
56) Ethyl methacrylate	9.17	69	27927	15.697	ug/l	100
57) 1,3-Dichloropropane	9.37	76	39344	17.532	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	64881	71.154	ug/l	100
59) 2-Hexanone	9.49	43	68588	77.420	ug/l	98
60) Dibromochloromethane	9.58	129	25656	16.725	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20697	16.922	ug/l	98
64) Tetrachloroethene	9.33	164	25389	21.275	ug/l	95
65) Chlorobenzene	10.14	112	82539	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	29965	19.280	ug/l	98
67) Ethyl Benzene	10.24	91	147721	20.145	ug/l	97
68) m/p-Xylenes	10.35	106	110047	40.768	ug/l	100
69) o-Xylene	10.70	106	52643	19.908	ug/l	99
70) Styrene	10.71	104	90534	19.305	ug/l	99
71) Bromoform	10.85	173	13097	16.251	ug/l #	97
73) Isopropylbenzene	11.01	105	150604	20.276	ug/l	99
74) N-amyl acetate	10.89	43	34729	15.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	26485	16.603	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	24552m	16.939	ug/l	
77) Bromobenzene	11.25	156	33275	19.458	ug/l	95
78) n-propylbenzene	11.35	91	176680	19.697	ug/l	99
79) 2-Chlorotoluene	11.42	91	106443	19.154	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	131274	19.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	6404	13.238	ug/l	86
82) 4-Chlorotoluene	11.51	91	127790	19.134	ug/l	100
83) tert-Butylbenzene	11.77	119	127881	19.716	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	133283	19.302	ug/l	99
85) sec-Butylbenzene	11.94	105	153974	19.896	ug/l	99
86) p-Isopropyltoluene	12.06	119	143255	20.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67573	19.397	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	67089	19.045	ug/l	99
89) n-Butylbenzene	12.38	91	136397	19.461	ug/l	100
90) Hexachloroethane	12.59	117	23387	17.756	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	61459	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	4817	14.794	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39994	17.971	ug/l	97
94) Hexachlorobutadiene	13.77	225	22527	20.348	ug/l	98
95) Naphthalene	13.83	128	73097	15.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	36045	18.306	ug/l	99

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

