

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011448.D
 Acq On : 11 Aug 2019 22:51
 Operator : JC/SP
 Sample : VX0811WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:59 AM

Quant Time: Aug 12 08:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95703	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
35) Dibromofluoromethane	5.49	113	82885	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.71	98	311894	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	112989	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24021	18.593	ug/l	97
3) Chloromethane	1.32	50	25459	17.549	ug/l	98
4) Vinyl Chloride	1.40	62	28525	17.875	ug/l	95
5) Bromomethane	1.63	94	20975	18.429	ug/l	99
6) Chloroethane	1.71	64	19227	17.773	ug/l	98
7) Trichlorofluoromethane	1.92	101	52354	18.451	ug/l	99
8) Diethyl Ether	2.18	74	18194	17.957	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29967	19.519	ug/l	97
10) Methyl Iodide	2.50	142	32277	16.675	ug/l	99
11) Tert butyl alcohol	3.04	59	40654	121.040	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27963	18.374	ug/l	91
13) Acrolein	2.29	56	9173	43.594	ug/l	94
14) Allyl chloride	2.72	41	40738	20.079	ug/l	94
15) Acrylonitrile	3.14	53	83742	104.471	ug/l	97
16) Acetone	2.43	43	74495	92.911	ug/l	94
17) Carbon Disulfide	2.56	76	60668	16.987	ug/l	100
18) Methyl Acetate	2.76	43	42216	23.040	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	94080	20.977	ug/l	97
20) Methylene Chloride	2.85	84	33761	19.226	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	30521	18.958	ug/l	95
22) Diisopropyl ether	3.85	45	93238	20.909	ug/l	98
23) Vinyl Acetate	3.81	43	386964	104.628	ug/l	99
24) 1,1-Dichloroethane	3.69	63	53185	20.227	ug/l	98
25) 2-Butanone	4.66	43	117607	103.114	ug/l	96
26) 2,2-Dichloropropane	4.57	77	30438	14.892	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	35936	19.380	ug/l	99
28) Bromochloromethane	5.01	49	26950	22.483	ug/l	92
29) Tetrahydrofuran	5.12	42	73777	105.497	ug/l	99
30) Chloroform	5.20	83	59147	20.697	ug/l	98
31) Cyclohexane	5.58	56	41747	19.244	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50943	20.809	ug/l	98
36) 1,1-Dichloropropene	5.79	75	41843	19.141	ug/l	98
37) Ethyl Acetate	4.83	43	44242	20.177	ug/l	98
38) Carbon Tetrachloride	5.78	117	44247	20.119	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45290	17.479	ug/l	97
40) Benzene	6.13	78	127101	19.484	ug/l	99
41) Methacrylonitrile	5.04	41	24225	20.229	ug/l	96
42) 1,2-Dichloroethane	6.18	62	48151	21.829	ug/l	98
43) Isopropyl Acetate	6.44	43	69725	19.889	ug/l	99
44) Trichloroethene	7.21	130	36262	18.365	ug/l	96
45) 1,2-Dichloropropane	7.51	63	32466	19.217	ug/l	94
46) Dibromomethane	7.66	93	24384	19.771	ug/l	95
47) Bromodichloromethane	7.90	83	42295	20.256	ug/l	98
48) Methyl methacrylate	7.76	41	35498	21.516	ug/l	94
49) 1,4-Dioxane	7.74	88	18132	379.093	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	238741	105.524	ug/l	99
52) Toluene	8.78	92	83662	19.398	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41003	18.743	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	45551	18.675	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35369	19.945	ug/l	99
56) Ethyl methacrylate	9.18	69	49897	19.745	ug/l	97
57) 1,3-Dichloropropane	9.37	76	55365	19.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	125758	101.211	ug/l	100
59) 2-Hexanone	9.49	43	184980	105.558	ug/l	97
60) Dibromochloromethane	9.58	129	35973	19.814	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37122	19.376	ug/l	99
64) Tetrachloroethene	9.34	164	36604	18.676	ug/l	97
65) Chlorobenzene	10.13	112	94610	19.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34203	20.189	ug/l	99
67) Ethyl Benzene	10.25	91	161652	19.506	ug/l	100
68) m/p-Xylenes	10.35	106	126299	39.400	ug/l	97
69) o-Xylene	10.69	106	61098	19.399	ug/l	98
70) Styrene	10.71	104	102798	19.726	ug/l	98
71) Bromoform	10.85	173	26035	19.049	ug/l #	99
73) Isopropylbenzene	11.02	105	163706	19.335	ug/l	100
74) N-amyl acetate	10.90	43	62564	20.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	55939	19.826	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	47865m	21.231	ug/l	
77) Bromobenzene	11.25	156	45464	19.365	ug/l	97
78) n-propylbenzene	11.35	91	182153	19.346	ug/l	99
79) 2-Chlorotoluene	11.42	91	109523	19.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	136509	19.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12420	17.907	ug/l	88
82) 4-Chlorotoluene	11.51	91	127674	19.521	ug/l	97
83) tert-Butylbenzene	11.77	119	133624	19.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138883	19.682	ug/l	100
85) sec-Butylbenzene	11.94	105	159082	19.048	ug/l	100
86) p-Isopropyltoluene	12.06	119	147024	19.136	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79502	19.165	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	79491	18.583	ug/l	97
89) n-Butylbenzene	12.38	91	121503	18.356	ug/l	98
90) Hexachloroethane	12.59	117	21513	18.939	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	80202	19.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11828	21.638	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52571	19.019	ug/l	97
94) Hexachlorobutadiene	13.78	225	25888	18.460	ug/l	99
95) Naphthalene	13.83	128	160742	19.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53941	19.195	ug/l	99

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

