

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011199.D
 Acq On : 30 Jul 2019 16:53
 Operator : JC/SP
 Sample : VX0730WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:53:50 AM

Quant Time: Jul 31 08:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97786	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.49	113	87459	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.71	98	320424	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	116370	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	32142	17.465	ug/l 100
3) Chloromethane	1.33	50	30726	18.961	ug/l 99
4) Vinyl Chloride	1.41	62	31715	19.188	ug/l 100
5) Bromomethane	1.64	94	20405	21.907	ug/l 96
6) Chloroethane	1.72	64	20482	19.499	ug/l 97
7) Trichlorofluoromethane	1.93	101	57246	20.460	ug/l 98
8) Diethyl Ether	2.19	74	18760	19.460	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31044	19.432	ug/l 99
10) Methyl Iodide	2.51	142	27947	13.331	ug/l 98
11) Tert butyl alcohol	3.04	59	45293	103.741	ug/l 100
12) 1,1-Dichloroethene	2.37	96	29992	19.108	ug/l 97
13) Acrolein	2.29	56	14628	57.990	ug/l 90
14) Allyl chloride	2.73	41	42954	18.840	ug/l 98
15) Acrylonitrile	3.14	53	91996	104.277	ug/l 99
16) Acetone	2.45	43	76357	90.182	ug/l 100
17) Carbon Disulfide	2.57	76	61160	15.190	ug/l 98
18) Methyl Acetate	2.78	43	44081	22.864	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	101018	19.992	ug/l 98
20) Methylene Chloride	2.85	84	35076	19.548	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	31790	19.088	ug/l 96
22) Diisopropyl ether	3.85	45	96187	20.003	ug/l 96
23) Vinyl Acetate	3.82	43	392906	96.437	ug/l 99
24) 1,1-Dichloroethane	3.70	63	54998	19.694	ug/l 99
25) 2-Butanone	4.67	43	124567	102.488	ug/l 99
26) 2,2-Dichloropropane	4.58	77	36413	15.881	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	37428	19.418	ug/l 97
28) Bromochloromethane	5.01	49	23416	17.794	ug/l 96
29) Tetrahydrofuran	5.13	42	78150	101.507	ug/l 100
30) Chloroform	5.21	83	61749	20.457	ug/l 100
31) Cyclohexane	5.59	56	45165	17.744	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	50309	19.265	ug/l 97
36) 1,1-Dichloropropene	5.80	75	40772	18.852	ug/l 99
37) Ethyl Acetate	4.84	43	44281	19.995	ug/l 96
38) Carbon Tetrachloride	5.79	117	42964	19.064	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48136	17.163	ug/l	97
40) Benzene	6.14	78	130409	19.685	ug/l	100
41) Methacrylonitrile	5.05	41	25596	20.360	ug/l	94
42) 1,2-Dichloroethane	6.19	62	46648	20.251	ug/l	99
43) Isopropyl Acetate	6.45	43	70897	19.470	ug/l	99
44) Trichloroethene	7.21	130	37208	18.974	ug/l	98
45) 1,2-Dichloropropane	7.52	63	33628	19.944	ug/l	97
46) Dibromomethane	7.66	93	24162	20.054	ug/l	99
47) Bromodichloromethane	7.90	83	42294	19.720	ug/l	98
48) Methyl methacrylate	7.77	41	34884	19.665	ug/l	99
49) 1,4-Dioxane	7.74	88	20711	417.386	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	252205	106.843	ug/l	99
52) Toluene	8.78	92	84747	19.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41543	18.014	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	46749	18.217	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36655	20.455	ug/l	98
56) Ethyl methacrylate	9.18	69	51623	19.694	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57068	20.075	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	123773	98.919	ug/l	100
59) 2-Hexanone	9.49	43	194818	106.408	ug/l	99
60) Dibromochloromethane	9.58	129	35436	18.842	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38095	20.032	ug/l	99
64) Tetrachloroethene	9.34	164	37865	19.783	ug/l	98
65) Chlorobenzene	10.13	112	97698	19.550	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	34614	19.708	ug/l	98
67) Ethyl Benzene	10.25	91	165566	19.465	ug/l	100
68) m/p-Xylenes	10.35	106	127605	39.109	ug/l	98
69) o-Xylene	10.69	106	62434	19.606	ug/l	98
70) Styrene	10.71	104	105271	19.831	ug/l	99
71) Bromoform	10.85	173	25599	17.741	ug/l #	100
73) Isopropylbenzene	11.02	105	168914	19.631	ug/l	100
74) N-amyl acetate	10.90	43	63395	19.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57848	20.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	48134m	20.947	ug/l	
77) Bromobenzene	11.26	156	45672	19.244	ug/l	99
78) n-propylbenzene	11.36	91	183945	19.348	ug/l	99
79) 2-Chlorotoluene	11.42	91	111430	19.511	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139462	19.397	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13246	17.422	ug/l	91
82) 4-Chlorotoluene	11.51	91	125678	18.907	ug/l	99
83) tert-Butylbenzene	11.77	119	138190	19.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	139960	19.314	ug/l	98
85) sec-Butylbenzene	11.94	105	162785	19.672	ug/l	99
86) p-Isopropyltoluene	12.06	119	148641	19.430	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78993	19.179	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	80695	19.103	ug/l	98
89) n-Butylbenzene	12.38	91	123909	18.932	ug/l	99
90) Hexachloroethane	12.59	117	21807	18.073	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	81488	19.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11634	19.766	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53326	19.276	ug/l	100
94) Hexachlorobutadiene	13.78	225	26765	19.524	ug/l	99
95) Naphthalene	13.83	128	166906	20.431	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	54030	19.629	ug/l	97

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

