

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018900.D
 Acq On : 12 Oct 2020 14:05
 Operator : JC/SP
 Sample : VX1012WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:14 PM

Quant Time: Oct 13 04:20:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	252702	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	368095	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	355190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182335	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.46	113	132298	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.70	98	466167	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	173512	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55970	19.743	ug/l	98
3) Chloromethane	1.31	50	51059	21.558	ug/l	96
4) Vinyl Chloride	1.39	62	53732	20.295	ug/l	95
5) Bromomethane	1.63	94	32819	22.257	ug/l	97
6) Chloroethane	1.72	64	34957	19.714	ug/l	98
7) Trichlorofluoromethane	1.92	101	93900	17.993	ug/l	99
8) Diethyl Ether	2.17	74	27518	19.562	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45392	18.111	ug/l	99
10) Methyl Iodide	2.49	142	34361	15.998	ug/l	96
11) Tert butyl alcohol	3.01	59	54039	92.058	ug/l	100
12) 1,1-Dichloroethene	2.36	96	44660	19.585	ug/l	98
13) Acrolein	2.27	56	41358	84.680	ug/l	99
14) Allyl chloride	2.70	41	80991	19.141	ug/l	95
15) Acrylonitrile	3.11	53	121398	97.512	ug/l	98
16) Acetone	2.42	43	135894	93.347	ug/l	98
17) Carbon Disulfide	2.55	76	128990	18.849	ug/l	98
18) Methyl Acetate	2.75	43	59985	19.361	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	141567	18.092	ug/l	99
20) Methylene Chloride	2.83	84	52235	19.955	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	48974	18.092	ug/l	98
22) Diisopropyl ether	3.82	45	154214	20.364	ug/l	93
23) Vinyl Acetate	3.78	43	710722	97.584	ug/l	99
24) 1,1-Dichloroethane	3.67	63	93109	18.287	ug/l	99
25) 2-Butanone	4.63	43	190924	94.576	ug/l	94
26) 2,2-Dichloropropane	4.55	77	84679	17.237	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54063	17.985	ug/l	99
28) Bromochloromethane	4.98	49	44828	20.850	ug/l	88
29) Tetrahydrofuran	5.09	42	106991	98.782	ug/l	95
30) Chloroform	5.18	83	100168	17.856	ug/l	92
31) Cyclohexane	5.54	56	66284	19.041	ug/l	91
32) 1,1,1-Trichloroethane	5.45	97	93802	17.596	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69066	17.846	ug/l	98
37) Ethyl Acetate	4.79	43	75915	20.312	ug/l	100
38) Carbon Tetrachloride	5.75	117	84980	17.716	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	62344	17.475	ug/l	94
40) Benzene	6.11	78	195232	18.777	ug/l	98
41) Methacrylonitrile	4.99	41	39187	18.074	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86240	17.691	ug/l	98
43) Isopropyl Acetate	6.41	43	112661	18.139	ug/l	99
44) Trichloroethene	7.18	130	53420	17.132	ug/l	92
45) 1,2-Dichloropropane	7.49	63	52867	19.216	ug/l	97
46) Dibromomethane	7.63	93	36074	17.743	ug/l	94
47) Bromodichloromethane	7.87	83	77946	17.691	ug/l	97
48) Methyl methacrylate	7.74	41	53182	16.875	ug/l	98
49) 1,4-Dioxane	7.71	88	17095	386.843	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	350609	96.715	ug/l	99
52) Toluene	8.76	92	123561	18.518	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	80596	17.667	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85618	18.244	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50937	17.772	ug/l	98
56) Ethyl methacrylate	9.16	69	66197	17.828	ug/l	97
57) 1,3-Dichloropropane	9.35	76	88719	19.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	198546	95.746	ug/l	98
59) 2-Hexanone	9.47	43	261104	94.535	ug/l	98
60) Dibromochloromethane	9.56	129	62361	17.333	ug/l	99
61) 1,2-Dibromoethane	9.65	107	55197	17.959	ug/l	99
64) Tetrachloroethene	9.32	164	51996	19.321	ug/l	97
65) Chlorobenzene	10.12	112	133837	17.436	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	56825	17.945	ug/l	97
67) Ethyl Benzene	10.23	91	226282	17.475	ug/l	99
68) m/p-Xylenes	10.34	106	177808	36.142	ug/l	100
69) o-Xylene	10.68	106	79397	17.129	ug/l	97
70) Styrene	10.70	104	144577	18.424	ug/l	98
71) Bromoform	10.84	173	47966	17.512	ug/l #	98
73) Isopropylbenzene	11.00	105	216994	16.497	ug/l	98
74) N-amyl acetate	10.88	43	90670	17.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	71249	16.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	72204m	16.665	ug/l	
77) Bromobenzene	11.24	156	63610	17.605	ug/l	95
78) n-propylbenzene	11.34	91	251306	16.767	ug/l	99
79) 2-Chlorotoluene	11.40	91	158694	16.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	196976	17.507	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	23501	15.372	ug/l	99
82) 4-Chlorotoluene	11.49	91	194669	17.523	ug/l	99
83) tert-Butylbenzene	11.76	119	183858	16.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	198455	17.351	ug/l	99
85) sec-Butylbenzene	11.93	105	215379	16.967	ug/l	100
86) p-Isopropyltoluene	12.05	119	209308	17.381	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116259	17.520	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115890	17.241	ug/l	99
89) n-Butylbenzene	12.37	91	178826	17.091	ug/l	98
90) Hexachloroethane	12.58	117	36387	16.253	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	106188	16.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18115	16.156	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70045	17.285	ug/l	99
94) Hexachlorobutadiene	13.77	225	33446	18.582	ug/l	92
95) Naphthalene	13.82	128	194868	16.594	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	68983	17.399	ug/l	98

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

