

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019045.D
 Acq On : 22 Oct 2020 23:05
 Operator : JC/SP
 Sample : VX1022WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:20:06 PM

Quant Time: Oct 23 08:45:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	217006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135908	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	5.46	113	116525	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	8.70	98	450146	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.12	95	160601	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	44717	20.687	ug/l	100
3) Chloromethane	1.31	50	41222	19.180	ug/l	100
4) Vinyl Chloride	1.39	62	50714	19.998	ug/l	98
5) Bromomethane	1.64	94	52329	19.204	ug/l	97
6) Chloroethane	1.71	64	34266	17.667	ug/l	99
7) Trichlorofluoromethane	1.92	101	85614	19.978	ug/l	100
8) Diethyl Ether	2.17	74	32306	19.252	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39987	19.696	ug/l	99
10) Methyl Iodide	2.50	142	36120	16.183	ug/l	100
11) Tert butyl alcohol	3.03	59	53598	101.808	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41404	19.603	ug/l	97
13) Acrolein	2.28	56	16508	92.248	ug/l	98
14) Allyl chloride	2.71	41	51380	18.804	ug/l	100
15) Acrylonitrile	3.12	53	100192	98.416	ug/l	99
16) Acetone	2.42	43	85689	96.782	ug/l	99
17) Carbon Disulfide	2.55	76	110325	18.111	ug/l	99
18) Methyl Acetate	2.75	43	45636	20.771	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	131076	19.591	ug/l	99
20) Methylene Chloride	2.84	84	49093	19.917	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	46901	19.029	ug/l	96
22) Diisopropyl ether	3.82	45	105660	19.610	ug/l	96
23) Vinyl Acetate	3.79	43	504028	98.515	ug/l	100
24) 1,1-Dichloroethane	3.67	63	77892	19.851	ug/l	98
25) 2-Butanone	4.64	43	139458	99.686	ug/l	98
26) 2,2-Dichloropropane	4.55	77	61487	16.971	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	54393	19.446	ug/l	98
28) Bromochloromethane	4.98	49	31405	18.848	ug/l	97
29) Tetrahydrofuran	5.09	42	79954	95.620	ug/l	99
30) Chloroform	5.18	83	86164	20.226	ug/l	95
31) Cyclohexane	5.55	56	59653	19.597	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	76155	19.710	ug/l	99
36) 1,1-Dichloropropene	5.77	75	62918	18.840	ug/l	99
37) Ethyl Acetate	4.79	43	55062	19.317	ug/l	100
38) Carbon Tetrachloride	5.76	117	63565	18.134	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68502	18.308	ug/l	98
40) Benzene	6.11	78	191745	19.495	ug/l	98
41) Methacrylonitrile	5.00	41	28884	18.864	ug/l	99
42) 1,2-Dichloroethane	6.16	62	66259	19.740	ug/l	99
43) Isopropyl Acetate	6.41	43	90344	18.714	ug/l	99
44) Trichloroethene	7.19	130	53294	18.580	ug/l	95
45) 1,2-Dichloropropane	7.49	63	46100	19.540	ug/l	100
46) Dibromomethane	7.63	93	33802	18.811	ug/l	98
47) Bromodichloromethane	7.88	83	67282	19.096	ug/l	98
48) Methyl methacrylate	7.74	41	42831	18.006	ug/l	99
49) 1,4-Dioxane	7.73	88	20843	387.818	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	279282	98.178	ug/l	100
52) Toluene	8.77	92	124075	19.099	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	71746	18.033	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	77203	18.375	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50638	19.121	ug/l	99
56) Ethyl methacrylate	9.16	69	72713	19.084	ug/l	98
57) 1,3-Dichloropropane	9.35	76	82043	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	187113	93.487	ug/l	99
59) 2-Hexanone	9.48	43	212127	100.065	ug/l	98
60) Dibromochloromethane	9.57	129	52935	18.339	ug/l	98
61) 1,2-Dibromoethane	9.65	107	53734	18.964	ug/l	100
64) Tetrachloroethene	9.32	164	48588	18.421	ug/l	91
65) Chlorobenzene	10.12	112	135562	18.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	49309	19.085	ug/l	99
67) Ethyl Benzene	10.24	91	240416	19.193	ug/l	99
68) m/p-Xylenes	10.34	106	184120	38.371	ug/l	100
69) o-Xylene	10.68	106	88097	19.183	ug/l	99
70) Styrene	10.70	104	148041	18.987	ug/l	99
71) Bromoform	10.84	173	36692	17.592	ug/l #	97
73) Isopropylbenzene	11.00	105	238065	18.698	ug/l	99
74) N-amyl acetate	10.88	43	77091	18.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	75834	19.771	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68462m	19.353	ug/l	
77) Bromobenzene	11.24	156	59502	18.504	ug/l	100
78) n-propylbenzene	11.34	91	266630	18.481	ug/l	99
79) 2-Chlorotoluene	11.40	91	156036	18.539	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	195949	18.637	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	23057	16.606	ug/l	97
82) 4-Chlorotoluene	11.49	91	186408	18.613	ug/l	98
83) tert-Butylbenzene	11.76	119	190166	18.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	198102	18.816	ug/l	99
85) sec-Butylbenzene	11.93	105	231437	18.465	ug/l	98
86) p-Isopropyltoluene	12.05	119	211302	18.451	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108651	18.420	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	110545	18.262	ug/l	98
89) n-Butylbenzene	12.37	91	189353	18.063	ug/l	99
90) Hexachloroethane	12.58	117	31756	18.113	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	104375	18.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16023	18.345	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72372	17.987	ug/l	97
94) Hexachlorobutadiene	13.76	225	29748	15.947	ug/l	97
95) Naphthalene	13.82	128	231035	18.250	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	67507	17.237	ug/l	96

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

