

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018987.D
 Acq On : 20 Oct 2020 20:44
 Operator : JC/SP
 Sample : VX1020WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:04:50 PM

Quant Time: Oct 21 03:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	155609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	283457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	270512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	107112	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	5.46	113	88120	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	355698	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	132722	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	27311	21.125	ug/l	99
3) Chloromethane	1.31	50	31030	20.672	ug/l	97
4) Vinyl Chloride	1.39	62	41464	20.369	ug/l	100
5) Bromomethane	1.63	94	42998	26.662	ug/l	94
6) Chloroethane	1.71	64	31154	20.491	ug/l	99
7) Trichlorofluoromethane	1.92	101	73551	20.832	ug/l	99
8) Diethyl Ether	2.17	74	29508	20.811	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	27899	15.655	ug/l	98
10) Methyl Iodide	2.49	142	30671	18.049	ug/l	99
11) Tert butyl alcohol	3.01	59	46017	98.092	ug/l	99
12) 1,1-Dichloroethene	2.36	96	29382	14.740	ug/l	96
13) Acrolein	2.27	56	23279	86.170	ug/l	98
14) Allyl chloride	2.70	41	39335	19.316	ug/l	99
15) Acrylonitrile	3.12	53	80315	98.632	ug/l	99
16) Acetone	2.42	43	69311	97.315	ug/l	98
17) Carbon Disulfide	2.55	76	84105	19.132	ug/l	100
18) Methyl Acetate	2.75	43	38671	22.407	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	98635	19.304	ug/l	100
20) Methylene Chloride	2.83	84	35006	19.021	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	35446	19.280	ug/l	98
22) Diisopropyl ether	3.82	45	80665	19.267	ug/l	96
23) Vinyl Acetate	3.78	43	381452	96.602	ug/l	99
24) 1,1-Dichloroethane	3.67	63	58592	19.601	ug/l	98
25) 2-Butanone	4.64	43	115232	100.155	ug/l	97
26) 2,2-Dichloropropane	4.55	77	50438	17.592	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40620	18.907	ug/l	99
28) Bromochloromethane	4.98	49	26905	20.871	ug/l	100
29) Tetrahydrofuran	5.09	42	66353	97.837	ug/l	99
30) Chloroform	5.18	83	64275	19.283	ug/l	98
31) Cyclohexane	5.54	56	45803	19.155	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	57676	19.249	ug/l	99
36) 1,1-Dichloropropene	5.77	75	49121	18.543	ug/l	99
37) Ethyl Acetate	4.79	43	44195	19.298	ug/l	99
38) Carbon Tetrachloride	5.75	117	48595	18.229	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53067	18.541	ug/l	96
40) Benzene	6.11	78	145982	18.945	ug/l	97
41) Methacrylonitrile	5.01	41	23174	18.929	ug/l	96
42) 1,2-Dichloroethane	6.16	62	50575	19.136	ug/l	100
43) Isopropyl Acetate	6.42	43	72441	18.772	ug/l	99
44) Trichloroethene	7.19	130	38840	18.203	ug/l	98
45) 1,2-Dichloropropane	7.49	63	35055	18.688	ug/l	99
46) Dibromomethane	7.63	93	26610	18.901	ug/l	99
47) Bromodichloromethane	7.87	83	51602	18.475	ug/l	93
48) Methyl methacrylate	7.74	41	35416	18.589	ug/l	97
49) 1,4-Dioxane	7.71	88	19023	376.648	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	229714	96.407	ug/l	100
52) Toluene	8.77	92	97319	18.880	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	57962	18.163	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	61680	18.599	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	39284	18.735	ug/l	98
56) Ethyl methacrylate	9.16	69	58066	18.786	ug/l	97
57) 1,3-Dichloropropane	9.35	76	65011	19.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	151627	95.231	ug/l	100
59) 2-Hexanone	9.47	43	178610	96.528	ug/l	100
60) Dibromochloromethane	9.56	129	41340	17.853	ug/l	98
61) 1,2-Dibromoethane	9.65	107	42158	18.743	ug/l	97
64) Tetrachloroethene	9.32	164	34419	18.058	ug/l	94
65) Chlorobenzene	10.12	112	105924	18.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	37202	18.306	ug/l	99
67) Ethyl Benzene	10.23	91	187808	19.007	ug/l	97
68) m/p-Xylenes	10.34	106	143313	36.792	ug/l	96
69) o-Xylene	10.68	106	68396	18.333	ug/l	98
70) Styrene	10.70	104	116194	18.156	ug/l	98
71) Bromoform	10.84	173	29031	16.954	ug/l #	99
73) Isopropylbenzene	11.00	105	183709	19.259	ug/l	99
74) N-amyl acetate	10.88	43	60901	18.684	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	63330	19.718	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	57244m	19.695	ug/l	
77) Bromobenzene	11.24	156	43979	18.545	ug/l	94
78) n-propylbenzene	11.34	91	213584	19.477	ug/l	98
79) 2-Chlorotoluene	11.40	91	126599	19.578	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	158136	19.264	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19605	17.792	ug/l	93
82) 4-Chlorotoluene	11.49	91	153047	19.296	ug/l	96
83) tert-Butylbenzene	11.76	119	153917	19.253	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	161354	19.495	ug/l	98
85) sec-Butylbenzene	11.93	105	185146	19.372	ug/l	98
86) p-Isopropyltoluene	12.05	119	168345	18.729	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	83006	17.975	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	88178	18.485	ug/l	97
89) n-Butylbenzene	12.37	91	158593	18.888	ug/l	98
90) Hexachloroethane	12.58	117	26062	18.493	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	82859	18.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15099	19.136	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54615	17.387	ug/l	96
94) Hexachlorobutadiene	13.77	225	22033	17.276	ug/l	95
95) Naphthalene	13.82	128	197225	18.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53090	17.900	ug/l	100

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

