

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018986.D
 Acq On : 20 Oct 2020 20:22
 Operator : JC/SP
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:04:56 PM

Quant Time: Oct 21 03:52:06 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	5.62	168	156429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	292373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	275921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	107624	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.46	113	87071	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	8.70	98	350276	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.12	95	132737	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	26319	20.251	ug/l	97
3) Chloromethane	1.31	50	29818	19.760	ug/l	96
4) Vinyl Chloride	1.39	62	41476	20.268	ug/l	98
5) Bromomethane	1.63	94	43464	26.810	ug/l	98
6) Chloroethane	1.71	64	30621	20.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	71193	20.059	ug/l	97
8) Diethyl Ether	2.17	74	28815	20.216	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	27353	15.105	ug/l	99
10) Methyl Iodide	2.49	142	27643	16.182	ug/l	100
11) Tert butyl alcohol	3.01	59	45781	97.077	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28476	14.080	ug/l	83
13) Acrolein	2.27	56	23472	86.470	ug/l	98
14) Allyl chloride	2.71	41	40085	19.582	ug/l	99
15) Acrylonitrile	3.11	53	80397	98.215	ug/l	100
16) Acetone	2.42	43	67407	94.146	ug/l	99
17) Carbon Disulfide	2.55	76	83471	18.889	ug/l	98
18) Methyl Acetate	2.75	43	36978	21.314	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97240	18.931	ug/l	99
20) Methylene Chloride	2.83	84	34516	18.656	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	34467	18.650	ug/l	98
22) Diisopropyl ether	3.82	45	81140	19.279	ug/l	97
23) Vinyl Acetate	3.78	43	385500	97.116	ug/l	99
24) 1,1-Dichloroethane	3.67	63	58668	19.523	ug/l	100
25) 2-Butanone	4.64	43	114478	98.978	ug/l	97
26) 2,2-Dichloropropane	4.55	77	50326	17.461	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40405	18.708	ug/l	99
28) Bromochloromethane	4.98	49	24508	18.912	ug/l	99
29) Tetrahydrofuran	5.09	42	64945	95.259	ug/l	99
30) Chloroform	5.17	83	63483	18.946	ug/l	98
31) Cyclohexane	5.54	56	44435	18.485	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	56739	18.837	ug/l	98
36) 1,1-Dichloropropene	5.77	75	47899	17.530	ug/l	98
37) Ethyl Acetate	4.79	43	43822	18.552	ug/l	100
38) Carbon Tetrachloride	5.76	117	47785	17.378	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	51271	17.368	ug/l	97
40) Benzene	6.11	78	144225	18.146	ug/l	97
41) Methacrylonitrile	5.00	41	23077	18.275	ug/l	99
42) 1,2-Dichloroethane	6.16	62	51555	18.912	ug/l	100
43) Isopropyl Acetate	6.41	43	72772	18.283	ug/l	100
44) Trichloroethene	7.18	130	38585	17.532	ug/l	98
45) 1,2-Dichloropropane	7.49	63	35198	18.192	ug/l	95
46) Dibromomethane	7.63	93	25954	17.873	ug/l	99
47) Bromodichloromethane	7.87	83	51354	17.825	ug/l	96
48) Methyl methacrylate	7.74	41	35511	18.070	ug/l	97
49) 1,4-Dioxane	7.71	88	18754	359.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	228285	92.886	ug/l	99
52) Toluene	8.76	92	95364	17.936	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	57901	17.591	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	61254	17.907	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	37765	17.462	ug/l	93
56) Ethyl methacrylate	9.16	69	57545	18.050	ug/l	96
57) 1,3-Dichloropropane	9.35	76	63580	18.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	152419	92.809	ug/l	100
59) 2-Hexanone	9.47	43	177608	93.059	ug/l	98
60) Dibromochloromethane	9.57	129	41058	17.191	ug/l	99
61) 1,2-Dibromoethane	9.65	107	41246	17.778	ug/l	97
64) Tetrachloroethene	9.32	164	33347	17.152	ug/l	96
65) Chlorobenzene	10.12	112	102674	17.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	36133	17.431	ug/l	98
67) Ethyl Benzene	10.24	91	183841	18.240	ug/l	98
68) m/p-Xylenes	10.34	106	142453	35.854	ug/l	100
69) o-Xylene	10.68	106	67162	17.649	ug/l	100
70) Styrene	10.70	104	114625	17.560	ug/l	98
71) Bromoform	10.84	173	28501	16.448	ug/l #	99
73) Isopropylbenzene	11.00	105	180683	18.985	ug/l	99
74) N-amyl acetate	10.88	43	61711	18.976	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	61751	19.271	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	56425m	19.457	ug/l	
77) Bromobenzene	11.24	156	42244	17.854	ug/l	95
78) n-propylbenzene	11.34	91	207797	18.992	ug/l	98
79) 2-Chlorotoluene	11.40	91	124130	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	156068	19.055	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19855	18.060	ug/l	93
82) 4-Chlorotoluene	11.49	91	149610	18.906	ug/l	96
83) tert-Butylbenzene	11.76	119	149304	18.719	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	157976	19.131	ug/l	97
85) sec-Butylbenzene	11.93	105	181700	19.055	ug/l	96
86) p-Isopropyltoluene	12.05	119	166145	18.526	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	82898	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	85546	17.975	ug/l	97
89) n-Butylbenzene	12.37	91	155404	18.551	ug/l	98
90) Hexachloroethane	12.58	117	24959	17.751	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	80158	17.918	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15239	19.358	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54996	17.549	ug/l	99
94) Hexachlorobutadiene	13.76	225	22168	17.421	ug/l	98
95) Naphthalene	13.82	128	195633	18.708	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53640	18.126	ug/l	98

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

