

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090721\
 Data File : VX024120.D
 Acq On : 07 Sep 2021 16:00
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:12:46 PM

Quant Time: Sep 08 13:26:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	180517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	279026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123046	48.839	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.680%
35) Dibromofluoromethane	5.391	113	94423	51.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.653	98	328426	46.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.085	95	135155	52.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	42946	22.549	ug/l	99
3) Chloromethane	1.294	50	39310	18.802	ug/l	97
4) Vinyl Chloride	1.374	62	38506	18.884	ug/l	100
5) Bromomethane	1.599	94	29097	22.696	ug/l	94
6) Chloroethane	1.685	64	24716	16.626	ug/l	99
7) Trichlorofluoromethane	1.886	101	67485	20.957	ug/l	98
8) Diethyl Ether	2.136	74	22694	20.181	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	38814	21.421	ug/l	97
10) Methyl Iodide	2.453	142	46603	18.471	ug/l	92
11) Tert butyl alcohol	2.977	59	49804	97.749	ug/l	98
12) 1,1-Dichloroethene	2.319	96	35490	20.486	ug/l	87
13) Acrolein	2.239	56	25957	85.609	ug/l	98
14) Allyl chloride	2.666	41	60909	19.078	ug/l	88
15) Acrylonitrile	3.068	53	107823	94.978	ug/l	98
16) Acetone	2.386	43	122900	109.098	ug/l #	88
17) Carbon Disulfide	2.514	76	83248	20.148	ug/l	97
18) Methyl Acetate	2.709	43	64779	23.035	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	130453	21.636	ug/l	98
20) Methylene Chloride	2.794	84	42267	19.643	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	38473	20.791	ug/l	86
22) Diisopropyl ether	3.770	45	128668	20.235	ug/l	97
23) Vinyl Acetate	3.727	43	554621	107.820	ug/l	94
24) 1,1-Dichloroethane	3.611	63	72227	20.409	ug/l	97
25) 2-Butanone	4.568	43	165564	97.033	ug/l	92
26) 2,2-Dichloropropane	4.477	77	65251	22.465	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	45905	20.848	ug/l	96
28) Bromochloromethane	4.903	49	24544	15.253	ug/l	95
29) Tetrahydrofuran	5.013	42	103177	93.356	ug/l	89
30) Chloroform	5.099	83	77893	20.787	ug/l	97
31) Cyclohexane	5.477	56	65032	20.091	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	69731	21.733	ug/l	97
36) 1,1-Dichloropropene	5.696	75	56989	22.055	ug/l	99
37) Ethyl Acetate	4.721	43	62035	19.531	ug/l	94
38) Carbon Tetrachloride	5.678	117	62775	23.297	ug/l	98
39) Methylcyclohexane	7.385	83	71974	22.876	ug/l	98
40) Benzene	6.050	78	161402	21.124	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33211	19.288	ug/l	92
42) 1,2-Dichloroethane	6.092	62	68775	22.902	ug/l	94
43) Isopropyl Acetate	6.348	43	101138	20.357	ug/l	92
44) Trichloroethene	7.129	130	46579	22.068	ug/l	99
45) 1,2-Dichloropropane	7.434	63	42815	21.102	ug/l	99
46) Dibromomethane	7.586	93	31059	21.997	ug/l	97
47) Bromodichloromethane	7.824	83	58218	22.792	ug/l	96
48) Methyl methacrylate	7.696	41	60623	25.013	ug/l	85
49) 1,4-Dioxane	7.665	88	20116	392.711	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	322621	100.455	ug/l	90
52) Toluene	8.720	92	107032	21.618	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	64627	20.888	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	68470	22.122	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	44349	21.757	ug/l	96
56) Ethyl methacrylate	9.116	69	52083	15.486	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	72870	21.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	146873	89.482	ug/l	98
59) 2-Hexanone	9.433	43	259966	105.306	ug/l	87
60) Dibromochloromethane	9.525	129	44717	20.881	ug/l	97
61) 1,2-Dibromoethane	9.610	107	47591	22.101	ug/l	100
64) Tetrachloroethene	9.275	164	47288	22.894	ug/l	95
65) Chlorobenzene	10.079	112	118776	22.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44285	23.058	ug/l	99
67) Ethyl Benzene	10.195	91	212333	22.533	ug/l	100
68) m/p-Xylenes	10.305	106	159755	44.509	ug/l	97
69) o-Xylene	10.646	106	78273	22.191	ug/l	99
70) Styrene	10.659	104	115628	20.122	ug/l	96
71) Bromoform	10.805	173	30824	20.919	ug/l #	98
73) Isopropylbenzene	10.963	105	213984	21.096	ug/l	99
74) N-amyl acetate	10.848	43	88813	19.375	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69508	20.909	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	65571m	21.137	ug/l	
77) Bromobenzene	11.201	156	53244	21.312	ug/l	97
78) n-propylbenzene	11.305	91	238033	20.517	ug/l	99
79) 2-Chlorotoluene	11.366	91	146473	20.888	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	181000	21.714	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20610	19.543	ug/l	87
82) 4-Chlorotoluene	11.457	91	171121	21.499	ug/l	100
83) tert-Butylbenzene	11.719	119	175058	21.623	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	184423	22.189	ug/l	98
85) sec-Butylbenzene	11.896	105	207211	20.216	ug/l	100
86) p-Isopropyltoluene	12.012	119	189614	22.477	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	95743	21.182	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	95933	21.280	ug/l	98
89) n-Butylbenzene	12.335	91	167236	22.203	ug/l	97
90) Hexachloroethane	12.542	117	29490	20.933	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	92749	21.181	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13906	19.232	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	56859	21.575	ug/l	97
94) Hexachlorobutadiene	13.731	225	28468	24.235	ug/l	97
95) Naphthalene	13.780	128	185549	19.869	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57354	21.851	ug/l	99

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

