

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024774.D
 Acq On : 12 Oct 2021 19:54
 Operator : JC/MD
 Sample : VX1012WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS03

Manual Integrations
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 10/15/2021 1:14:24 PM

Quant Time: Oct 13 01:59:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	130977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95788	51.891	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.780%	
35) Dibromofluoromethane	5.397	113	71013	51.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	8.653	98	253345	49.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	11.085	95	97580	48.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	36455	27.661	ug/l	96
3) Chloromethane	1.295	50	24977	20.105	ug/l	97
4) Vinyl Chloride	1.374	62	27420	21.100	ug/l	100
5) Bromomethane	1.599	94	17385	19.877	ug/l	97
6) Chloroethane	1.685	64	16404	19.113	ug/l	99
7) Trichlorofluoromethane	1.886	101	45220	19.719	ug/l	97
8) Diethyl Ether	2.136	74	14191	18.181	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	24319	18.806	ug/l	94
10) Methyl Iodide	2.453	142	28595	15.804	ug/l	93
11) Tert butyl alcohol	2.971	59	36030	75.279	ug/l	98
12) 1,1-Dichloroethene	2.319	96	22677	18.887	ug/l	95
13) Acrolein	2.239	56	11504	120.648	ug/l	95
14) Allyl chloride	2.666	41	40614	18.502	ug/l	92
15) Acrylonitrile	3.069	53	77674	92.621	ug/l	97
16) Acetone	2.386	43	83756	101.514	ug/l	90
17) Carbon Disulfide	2.508	76	56399	18.367	ug/l	98
18) Methyl Acetate	2.709	43	53879	19.492	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	82354	18.200	ug/l	99
20) Methylene Chloride	2.794	84	27298	19.056	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	25301	18.558	ug/l	94
22) Diisopropyl ether	3.770	45	82042	18.293	ug/l	95
23) Vinyl Acetate	3.733	43	335781	92.460	ug/l	95
24) 1,1-Dichloroethane	3.617	63	46197	18.553	ug/l	95
25) 2-Butanone	4.568	43	130675	102.790	ug/l	92
26) 2,2-Dichloropropane	4.477	77	37262	16.635	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	29043	18.226	ug/l	95
28) Bromochloromethane	4.910	49	19940	17.640	ug/l	98
29) Tetrahydrofuran	5.019	42	73409	90.623	ug/l	90
30) Chloroform	5.105	83	50582	18.393	ug/l	98
31) Cyclohexane	5.477	56	39938	18.068	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	46652	19.108	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35729	17.962	ug/l	99
37) Ethyl Acetate	4.727	43	43124	17.364	ug/l	95
38) Carbon Tetrachloride	5.684	117	39200	18.104	ug/l	93
39) Methylcyclohexane	7.385	83	40757	17.499	ug/l	97
40) Benzene	6.050	78	104166	18.313	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22342	17.420	ug/l	93
42) 1,2-Dichloroethane	6.092	62	43376	18.158	ug/l	95
43) Isopropyl Acetate	6.348	43	66052	17.494	ug/l	93
44) Trichloroethene	7.129	130	28921	18.480	ug/l	98
45) 1,2-Dichloropropane	7.440	63	27144	18.497	ug/l	100
46) Dibromomethane	7.586	93	19737	17.936	ug/l	98
47) Bromodichloromethane	7.830	83	36813	18.254	ug/l	97
48) Methyl methacrylate	7.702	41	36343	19.439	ug/l	89
49) 1,4-Dioxane	7.665	88	14717	343.681	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	252899	101.460	ug/l	91
52) Toluene	8.720	92	67501	18.371	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	39274	17.182	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	41698	17.941	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	27580	18.153	ug/l	98
56) Ethyl methacrylate	9.122	69	37915	15.680	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	46983	18.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	128154	107.366	ug/l	97
59) 2-Hexanone	9.433	43	198641	101.194	ug/l	88
60) Dibromochloromethane	9.525	129	27638	16.839	ug/l	97
61) 1,2-Dibromoethane	9.616	107	30267	18.147	ug/l	99
64) Tetrachloroethene	9.281	164	27564	20.520	ug/l	96
65) Chlorobenzene	10.086	112	74857	18.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27330	18.137	ug/l	99
67) Ethyl Benzene	10.195	91	129239	18.057	ug/l	98
68) m/p-Xylenes	10.305	106	98369	35.842	ug/l	97
69) o-Xylene	10.647	106	46922	17.289	ug/l	97
70) Styrene	10.659	104	75550	16.648	ug/l	96
71) Bromoform	10.805	173	19108	16.195	ug/l #	99
73) Isopropylbenzene	10.964	105	130256	18.928	ug/l	100
74) N-amyl acetate	10.848	43	53311	16.842	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	44423	18.253	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	40983m	18.539	ug/l	
77) Bromobenzene	11.201	156	33133	18.711	ug/l	93
78) n-propylbenzene	11.305	91	144243	17.930	ug/l	98
79) 2-Chlorotoluene	11.366	91	88641	18.088	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	110857	18.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	11784	16.059	ug/l #	84
82) 4-Chlorotoluene	11.457	91	104695	18.158	ug/l	99
83) tert-Butylbenzene	11.719	119	104452	17.722	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	113483	19.414	ug/l	98
85) sec-Butylbenzene	11.896	105	124217	17.131	ug/l	99
86) p-Isopropyltoluene	12.012	119	114900	18.583	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	57536	17.061	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58703	16.851	ug/l	98
89) n-Butylbenzene	12.335	91	95717	17.483	ug/l	97
90) Hexachloroethane	12.543	117	17182	16.899	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	57527	17.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10385	17.673	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	35217	16.591	ug/l	98
94) Hexachlorobutadiene	13.725	225	16937	17.443	ug/l	96
95) Naphthalene	13.780	128	119993	17.662	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37420	17.204	ug/l	97

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

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