

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025295.D
 Acq On : 23 Nov 2021 23:38
 Operator : JC/MD
 Sample : VX1123WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Quant Time: Nov 24 03:17:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/24/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	99256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57728	55.177	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.360%			
35) Dibromofluoromethane	5.391	113	51683	53.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	8.653	98	192374	52.981	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.079	95	71154	51.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18663	21.691	ug/l	100
3) Chloromethane	1.294	50	20099	18.866	ug/l	100
4) Vinyl Chloride	1.374	62	21519	18.398	ug/l	95
5) Bromomethane	1.605	94	14655	29.143	ug/l	100
6) Chloroethane	1.685	64	14835	18.382	ug/l	97
7) Trichlorofluoromethane	1.886	101	33112	19.073	ug/l	99
8) Diethyl Ether	2.136	74	13335	18.613	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	18284	19.794	ug/l	96
10) Methyl Iodide	2.453	142	23530	20.373	ug/l	93
11) Tert butyl alcohol	2.959	59	26232	95.848	ug/l	95
12) 1,1-Dichloroethene	2.319	96	17731	19.274	ug/l	88
13) Acrolein	2.233	56	4139	86.355	ug/l	95
14) Allyl chloride	2.666	41	29825	17.914	ug/l	96
15) Acrylonitrile	3.062	53	53803	95.832	ug/l	99
16) Acetone	2.380	43	46037	79.190	ug/l	92
17) Carbon Disulfide	2.514	76	44537	17.210	ug/l	99
18) Methyl Acetate	2.703	43	34027	18.319	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	62469	19.489	ug/l	98
20) Methylene Chloride	2.794	84	20399	18.666	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19457	19.306	ug/l	89
22) Diisopropyl ether	3.763	45	61122	19.277	ug/l	98
23) Vinyl Acetate	3.721	43	243005	95.413	ug/l	97
24) 1,1-Dichloroethane	3.611	63	34504	19.916	ug/l	99
25) 2-Butanone	4.556	43	75444	89.761	ug/l	99
26) 2,2-Dichloropropane	4.477	77	28039	17.851	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	22936	19.489	ug/l	90
28) Bromochloromethane	4.897	49	17950	22.219	ug/l	92
29) Tetrahydrofuran	5.007	42	48616	93.417	ug/l	97
30) Chloroform	5.099	83	35571	19.729	ug/l	97
31) Cyclohexane	5.477	56	29879	18.481	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	32454	19.661	ug/l	98
36) 1,1-Dichloropropene	5.696	75	25786	18.778	ug/l	98
37) Ethyl Acetate	4.714	43	28911	18.504	ug/l	98
38) Carbon Tetrachloride	5.684	117	29370	19.418	ug/l	96
39) Methylcyclohexane	7.385	83	32329	18.354	ug/l	92
40) Benzene	6.044	78	79451	19.099	ug/l	98

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41) Methacrylonitrile	4.922	41	16289	18.784	ug/l	96
42) 1,2-Dichloroethane	6.086	62	27354	20.209	ug/l	93
43) Isopropyl Acetate	6.342	43	47453	18.250	ug/l	97
44) Trichloroethene	7.129	130	23034	19.061	ug/l	96
45) 1,2-Dichloropropane	7.434	63	19407	18.995	ug/l	98
46) Dibromomethane	7.580	93	14272	19.243	ug/l	91
47) Bromodichloromethane	7.824	83	27158	18.633	ug/l	97
48) Methyl methacrylate	7.696	41	21768	17.838	ug/l	95
49) 1,4-Dioxane	7.659	88	9342	362.520	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	152080	93.277	ug/l	99
52) Toluene	8.720	92	51018	18.785	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28904	17.832	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31749	18.070	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	20929	19.389	ug/l	97
56) Ethyl methacrylate	9.116	69	31739	18.119	ug/l	97
57) 1,3-Dichloropropane	9.311	76	34516	19.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	77197	94.725	ug/l	94
59) 2-Hexanone	9.433	43	113622	88.396	ug/l	97
60) Dibromochloromethane	9.525	129	21979	17.691	ug/l	95
61) 1,2-Dibromoethane	9.610	107	22119	18.920	ug/l	97
64) Tetrachloroethene	9.275	164	23367	19.734	ug/l	94
65) Chlorobenzene	10.079	112	56848	19.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21294	18.975	ug/l	99
67) Ethyl Benzene	10.195	91	96595	19.101	ug/l	95
68) m/p-Xylenes	10.305	106	78360	37.937	ug/l	93
69) o-Xylene	10.646	106	38603	19.095	ug/l	91
70) Styrene	10.659	104	62496	18.712	ug/l	97
71) Bromoform	10.799	173	16818	17.262	ug/l #	99
73) Isopropylbenzene	10.963	105	99204	19.662	ug/l	99
74) N-amyl acetate	10.841	43	39087	17.911	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	30668	18.792	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28355m	19.559	ug/l	
77) Bromobenzene	11.201	156	25054	19.309	ug/l	93
78) n-propylbenzene	11.305	91	110210	19.460	ug/l	97
79) 2-Chlorotoluene	11.366	91	66717	19.350	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	81689	19.262	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9205	15.996	ug/l	96
82) 4-Chlorotoluene	11.457	91	75130	19.089	ug/l	96
83) tert-Butylbenzene	11.713	119	84318	19.563	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	81648	19.479	ug/l	95
85) sec-Butylbenzene	11.890	105	102208	19.506	ug/l	97
86) p-Isopropyltoluene	12.012	119	85219	18.929	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	46127	19.097	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	46989	19.199	ug/l	98
89) n-Butylbenzene	12.335	91	68946	18.169	ug/l	97
90) Hexachloroethane	12.542	117	14030	16.911	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45847	19.477	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6416	18.821	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	26996	19.485	ug/l	98
94) Hexachlorobutadiene	13.725	225	11986	18.017	ug/l	94
95) Naphthalene	13.780	128	88880	18.369	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27130	20.017	ug/l	99

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

