

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026735.D
 Acq On : 02 Feb 2022 14:37
 Operator : JC/MD
 Sample : VX0202WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBSD03

Quant Time: Feb 03 03:06:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56737	43.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.500%		
35) Dibromofluoromethane	5.385	113	45513	47.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	8.647	98	165657	47.549	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.100%		
62) 4-Bromofluorobenzene	11.079	95	59445	48.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15546	14.180	ug/l	98
3) Chloromethane	1.294	50	15202	15.126	ug/l	100
4) Vinyl Chloride	1.374	62	16207	15.359	ug/l	98
5) Bromomethane	1.617	94	7709	15.837	ug/l	98
6) Chloroethane	1.691	64	9985	18.713	ug/l	99
7) Trichlorofluoromethane	1.892	101	26116	15.676	ug/l	97
8) Diethyl Ether	2.136	74	9927	16.839	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	18419	18.143	ug/l	99
10) Methyl Iodide	2.459	142	21266	22.173	ug/l	96
11) Tert butyl alcohol	2.983	59	15931	88.300	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	16467	16.983	ug/l	91
13) Acrolein	2.239	56	18372	95.830	ug/l	100
14) Allyl chloride	2.666	41	30418	17.059	ug/l	97
15) Acrylonitrile	3.068	53	53993	97.217	ug/l	98
16) Acetone	2.386	43	47275	71.478	ug/l	97
17) Carbon Disulfide	2.514	76	38194	13.492	ug/l	100
18) Methyl Acetate	2.709	43	25701	19.546	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	63281	17.986	ug/l	98
20) Methylene Chloride	2.794	84	19341	17.699	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	17885	17.039	ug/l	96
22) Diisopropyl ether	3.763	45	66827	18.450	ug/l	97
23) Vinyl Acetate	3.721	43	274561	92.088	ug/l	98
24) 1,1-Dichloroethane	3.617	63	34351	17.561	ug/l	100
25) 2-Butanone	4.562	43	74110	86.162	ug/l	99
26) 2,2-Dichloropropane	4.477	77	25253	17.416	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	22496	18.778	ug/l	96
28) Bromochloromethane	4.897	49	14436	17.973	ug/l	100
29) Tetrahydrofuran	5.007	42	48972	95.865	ug/l	100
30) Chloroform	5.099	83	37014	18.211	ug/l	100
31) Cyclohexane	5.470	56	30067	15.718	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31240	17.474	ug/l	99
36) 1,1-Dichloropropene	5.696	75	25768	16.883	ug/l	97
37) Ethyl Acetate	4.715	43	28836	18.677	ug/l	98
38) Carbon Tetrachloride	5.678	117	27073	17.245	ug/l	99
39) Methylcyclohexane	7.385	83	31553	17.139	ug/l	99
40) Benzene	6.044	78	78140	18.523	ug/l	99

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41) Methacrylonitrile	4.922	41	16839	19.254	ug/l	97
42) 1,2-Dichloroethane	6.092	62	29163	17.669	ug/l	98
43) Isopropyl Acetate	6.342	43	47012	18.850	ug/l	99
44) Trichloroethene	7.129	130	23146	19.336	ug/l	99
45) 1,2-Dichloropropane	7.434	63	20383	19.357	ug/l	95
46) Dibromomethane	7.586	93	14005	18.867	ug/l	98
47) Bromodichloromethane	7.824	83	27742	18.497	ug/l	96
48) Methyl methacrylate	7.696	41	22749	18.406	ug/l	96
49) 1,4-Dioxane	7.683	88	7103	350.198	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	147479	99.699	ug/l	98
52) Toluene	8.720	92	49276	19.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	26649	17.876	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30907	19.186	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	20464	20.271	ug/l	97
56) Ethyl methacrylate	9.116	69	31510	20.367	ug/l	94
57) 1,3-Dichloropropane	9.311	76	34638	19.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	73510	90.614	ug/l	98
59) 2-Hexanone	9.433	43	106572	94.130	ug/l	98
60) Dibromochloromethane	9.525	129	20640	19.620	ug/l	97
61) 1,2-Dibromoethane	9.610	107	21047	20.008	ug/l	98
64) Tetrachloroethene	9.275	164	25061	20.615	ug/l	94
65) Chlorobenzene	10.079	112	52607	19.412	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	19674	19.538	ug/l	100
67) Ethyl Benzene	10.195	91	92623	18.808	ug/l	97
68) m/p-Xylenes	10.305	106	70884	38.462	ug/l	97
69) o-Xylene	10.640	106	34597	19.455	ug/l	97
70) Styrene	10.659	104	57492	19.813	ug/l	98
71) Bromoform	10.799	173	13265	18.685	ug/l #	99
73) Isopropylbenzene	10.963	105	91629	18.902	ug/l	99
74) N-amyl acetate	10.841	43	35666	19.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	25160	19.337	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25425m	19.526	ug/l	
77) Bromobenzene	11.201	156	21533	19.389	ug/l	95
78) n-propylbenzene	11.305	91	103487	18.720	ug/l	100
79) 2-Chlorotoluene	11.366	91	61859	18.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	75826	18.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6815	19.841	ug/l	99
82) 4-Chlorotoluene	11.457	91	71223	18.487	ug/l	98
83) tert-Butylbenzene	11.713	119	70778	18.971	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	75273	18.831	ug/l	98
85) sec-Butylbenzene	11.890	105	92859	19.242	ug/l	99
86) p-Isopropyltoluene	12.012	119	77804	19.217	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	39543	18.996	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39355	18.679	ug/l	98
89) n-Butylbenzene	12.335	91	65764	18.928	ug/l	99
90) Hexachloroethane	12.542	117	11145	17.954	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	38808	19.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5485	17.442	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	24522	19.443	ug/l	99
94) Hexachlorobutadiene	13.725	225	10673	20.047	ug/l	97
95) Naphthalene	13.780	128	83436	19.834	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24920	20.091	ug/l	99

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

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