

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030226.D
 Acq On : 27 Jul 2022 12:20
 Operator : JC/MD
 Sample : VX0727WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Quant Time: Jul 28 05:49:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108374	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	183055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164906	75.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.420%#			
35) Dibromofluoromethane	5.391	113	131838	75.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 150.680%#			
50) Toluene-d8	8.653	98	500344	73.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 147.660%#			
62) 4-Bromofluorobenzene	11.085	95	185401	73.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 147.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49080	27.599	ug/l	100
3) Chloromethane	1.288	50	42234	24.017	ug/l	100
4) Vinyl Chloride	1.374	62	45523	25.648	ug/l	99
5) Bromomethane	1.605	94	18894	27.793	ug/l	99
6) Chloroethane	1.685	64	26357	25.863	ug/l	95
7) Trichlorofluoromethane	1.886	101	61235	26.186	ug/l	93
8) Diethyl Ether	2.136	74	23604	25.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	44178	25.507	ug/l	98
10) Methyl Iodide	2.453	142	41559	25.395	ug/l	96
11) Tert butyl alcohol	2.977	59	64482	121.358	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43394	25.632	ug/l	95
13) Acrolein	2.239	56	19686	150.740	ug/l	100
14) Allyl chloride	2.660	41	89770	25.696	ug/l	97
15) Acrylonitrile	3.069	53	166653	126.921	ug/l	100
16) Acetone	2.386	43	145334	130.320	ug/l	94
17) Carbon Disulfide	2.508	76	107378	23.496	ug/l	99
18) Methyl Acetate	2.709	43	83963	25.454	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	152078	26.224	ug/l	99
20) Methylene Chloride	2.788	84	53145	26.617	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46149	24.696	ug/l	98
22) Diisopropyl ether	3.764	45	171205	25.901	ug/l	93
23) Vinyl Acetate	3.721	43	752021	131.157	ug/l	97
24) 1,1-Dichloroethane	3.611	63	88922	25.317	ug/l	98
25) 2-Butanone	4.562	43	242304	129.296	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65158	25.655	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	55179	25.111	ug/l	94
28) Bromochloromethane	4.897	49	42802	28.845	ug/l #	12
29) Tetrahydrofuran	5.013	42	158373	125.601	ug/l	94
30) Chloroform	5.099	83	88823	25.541	ug/l	93
31) Cyclohexane	5.471	56	81726	25.841	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	72361	25.598	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65476	26.000	ug/l	97
37) Ethyl Acetate	4.721	43	89893	25.207	ug/l	98
38) Carbon Tetrachloride	5.684	117	60287	25.643	ug/l	95
39) Methylcyclohexane	7.379	83	81561	25.091	ug/l	96
40) Benzene	6.044	78	199672	25.200	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47740	24.973	ug/l	96
42) 1,2-Dichloroethane	6.092	62	70693	25.820	ug/l	96
43) Isopropyl Acetate	6.342	43	134226	25.675	ug/l	97
44) Trichloroethene	7.129	130	51771	23.912	ug/l	89
45) 1,2-Dichloropropane	7.428	63	53885	25.498	ug/l	99
46) Dibromomethane	7.586	93	35114	24.433	ug/l	97
47) Bromodichloromethane	7.824	83	66386	25.410	ug/l	100
48) Methyl methacrylate	7.696	41	65196	25.336	ug/l	95
49) 1,4-Dioxane	7.671	88	28315	476.425	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	455560	128.357	ug/l	97
52) Toluene	8.720	92	122102	25.258	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	70412	25.002	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	79068	25.764	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	51495	25.019	ug/l	97
56) Ethyl methacrylate	9.116	69	83267	25.591	ug/l	93
57) 1,3-Dichloropropane	9.311	76	86001	25.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	229696	142.243	ug/l	97
59) 2-Hexanone	9.433	43	357560	127.696	ug/l	95
60) Dibromochloromethane	9.525	129	48033	25.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52796	24.566	ug/l	98
64) Tetrachloroethene	9.275	164	50735	25.654	ug/l	92
65) Chlorobenzene	10.079	112	127889	25.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45540	26.846	ug/l	99
67) Ethyl Benzene	10.195	91	232743	29.269	ug/l	96
68) m/p-Xylenes	10.305	106	177379	52.473	ug/l	96
69) o-Xylene	10.646	106	84646	25.406	ug/l	88
70) Styrene	10.659	104	144833	26.460	ug/l	98
71) Bromoform	10.799	173	31788	25.490	ug/l #	100
73) Isopropylbenzene	10.963	105	226383	25.487	ug/l	100
74) N-amyl acetate	10.842	43	107998	25.018	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	78599	24.177	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77053m	25.692	ug/l	
77) Bromobenzene	11.201	156	51072	24.498	ug/l	92
78) n-propylbenzene	11.305	91	275840	26.020	ug/l	99
79) 2-Chlorotoluene	11.366	91	161611	24.141	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193454	26.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24271	24.278	ug/l	91
82) 4-Chlorotoluene	11.457	91	186476	25.494	ug/l	97
83) tert-Butylbenzene	11.719	119	179069	25.976	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	194220	26.175	ug/l	97
85) sec-Butylbenzene	11.890	105	247225	26.202	ug/l	98
86) p-Isopropyltoluene	12.012	119	198080	26.240	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	99799	24.615	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	99586	24.129	ug/l	98
89) n-Butylbenzene	12.335	91	191220	27.209	ug/l	99
90) Hexachloroethane	12.542	117	32600	25.082	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	100897	25.354	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20960	26.881	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	61743	26.754	ug/l	98
94) Hexachlorobutadiene	13.725	225	24917	26.889	ug/l	98
95) Naphthalene	13.780	128	245533	27.237	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62777	26.524	ug/l	98

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

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