

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030194.D
 Acq On : 25 Jul 2022 15:39
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 25 16:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	167205	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	278535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62645	18.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.380%#		
35) Dibromofluoromethane	5.391	113	51518	19.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.160%#		
50) Toluene-d8	8.653	98	201820	19.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.900%#		
62) 4-Bromofluorobenzene	11.085	95	75067	19.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49972	17.611	ug/l	100
3) Chloromethane	1.288	50	54127	19.945	ug/l	98
4) Vinyl Chloride	1.374	62	53542	19.549	ug/l	97
5) Bromomethane	1.593	94	21586	16.606	ug/l	98
6) Chloroethane	1.672	64	31793	20.444	ug/l	97
7) Trichlorofluoromethane	1.880	101	74354	20.730	ug/l	97
8) Diethyl Ether	2.136	74	28265	20.137	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	54057	20.346	ug/l	99
10) Methyl Iodide	2.447	142	43088	18.057	ug/l	98
11) Tert butyl alcohol	2.977	59	83828	103.125	ug/l	97
12) 1,1-Dichloroethene	2.313	96	53353	20.518	ug/l	95
13) Acrolein	2.239	56	12643	58.948	ug/l	92
14) Allyl chloride	2.660	41	106115	19.773	ug/l	98
15) Acrylonitrile	3.069	53	203266	100.320	ug/l	98
16) Acetone	2.386	43	168935	98.019	ug/l	94
17) Carbon Disulfide	2.508	76	140593	20.058	ug/l	98
18) Methyl Acetate	2.703	43	102748	20.357	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	181071	20.289	ug/l	99
20) Methylene Chloride	2.788	84	64070	16.123	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	59451	20.834	ug/l	96
22) Diisopropyl ether	3.764	45	206506	20.325	ug/l	98
23) Vinyl Acetate	3.721	43	900760	101.908	ug/l	98
24) 1,1-Dichloroethane	3.611	63	110687	20.513	ug/l	98
25) 2-Butanone	4.562	43	292196	101.195	ug/l	98
26) 2,2-Dichloropropane	4.471	77	82182	21.412	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	68451	20.272	ug/l	94
28) Bromochloromethane	4.897	49	42922	18.408	ug/l	94
29) Tetrahydrofuran	5.013	42	191492	98.786	ug/l	97
30) Chloroform	5.099	83	107952	20.240	ug/l	98
31) Cyclohexane	5.477	56	101028	20.818	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	88258	20.339	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78602	20.632	ug/l	97
37) Ethyl Acetate	4.721	43	109727	20.486	ug/l	98
38) Carbon Tetrachloride	5.678	117	72973	20.554	ug/l	94
39) Methylcyclohexane	7.385	83	104896	21.728	ug/l	94
40) Benzene	6.044	78	250763	21.055	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	58862	20.402	ug/l	97
42) 1,2-Dichloroethane	6.086	62	85458	20.719	ug/l	98
43) Isopropyl Acetate	6.342	43	163591	20.792	ug/l	97
44) Trichloroethene	7.129	130	65836	20.202	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65414	20.557	ug/l	98
46) Dibromomethane	7.586	93	44568	20.652	ug/l	95
47) Bromodichloromethane	7.824	83	80660	20.495	ug/l	94
48) Methyl methacrylate	7.696	41	79974	20.617	ug/l	97
49) 1,4-Dioxane	7.665	88	37899	425.321	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	555829	103.801	ug/l	98
52) Toluene	8.720	92	150506	20.701	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	88455	20.980	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96713	20.970	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	64696	20.977	ug/l	98
56) Ethyl methacrylate	9.116	69	102378	20.919	ug/l	95
57) 1,3-Dichloropropane	9.311	76	105739	20.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	235355	94.172	ug/l	98
59) 2-Hexanone	9.433	43	444619	105.699	ug/l	97
60) Dibromochloromethane	9.525	129	59720	20.871	ug/l	97
61) 1,2-Dibromoethane	9.610	107	66996	20.753	ug/l	95
64) Tetrachloroethene	9.275	164	62631	19.687	ug/l	96
65) Chlorobenzene	10.079	112	161992	20.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56188	20.702	ug/l	98
67) Ethyl Benzene	10.195	91	297333	19.095	ug/l	98
68) m/p-Xylenes	10.305	106	229537	42.774	ug/l	95
69) o-Xylene	10.640	106	112955	21.363	ug/l	95
70) Styrene	10.659	104	190412	21.940	ug/l	98
71) Bromoform	10.805	173	40970	20.595	ug/l #	99
73) Isopropylbenzene	10.963	105	289289	20.708	ug/l	100
74) N-amyl acetate	10.848	43	141107	20.848	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104587	20.529	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98226m	19.541	ug/l	
77) Bromobenzene	11.201	156	66944	20.419	ug/l	94
78) n-propylbenzene	11.305	91	347535	20.925	ug/l	100
79) 2-Chlorotoluene	11.366	91	210549	20.047	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	248241	21.296	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32061	20.464	ug/l	90
82) 4-Chlorotoluene	11.457	91	240114	20.971	ug/l	98
83) tert-Butylbenzene	11.719	119	229103	21.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	248271	21.267	ug/l	98
85) sec-Butylbenzene	11.890	105	313317	21.093	ug/l	100
86) p-Isopropyltoluene	12.012	119	255694	21.539	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131000	20.611	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	132609	20.756	ug/l	99
89) n-Butylbenzene	12.335	91	239560	21.727	ug/l	99
90) Hexachloroethane	12.542	117	41003	20.057	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	131730	21.085	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24358	19.537	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	77100	21.305	ug/l	97
94) Hexachlorobutadiene	13.725	225	31102	21.610	ug/l	97
95) Naphthalene	13.780	128	298244	20.917	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76603	20.483	ug/l	98

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

