

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030190.D
 Acq On : 25 Jul 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 25 16:13:05 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	5.556	168	145018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61519	20.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.200%#		
35) Dibromofluoromethane	5.391	113	49987	20.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.940%#		
50) Toluene-d8	8.653	98	188475	20.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.160%#		
62) 4-Bromofluorobenzene	11.085	95	68177	19.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.360%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53119	21.584	ug/l	98
3) Chloromethane	1.288	50	47007	19.972	ug/l	97
4) Vinyl Chloride	1.374	62	46489	19.570	ug/l	100
5) Bromomethane	1.599	94	28368	25.163	ug/l	98
6) Chloroethane	1.685	64	25784	19.117	ug/l	95
7) Trichlorofluoromethane	1.886	101	62304	20.028	ug/l	97
8) Diethyl Ether	2.136	74	23560	19.353	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	45288	19.653	ug/l	98
10) Methyl Iodide	2.453	142	42375	20.475	ug/l	96
11) Tert butyl alcohol	2.971	59	69715	98.884	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45052	19.977	ug/l	95
13) Acrolein	2.239	56	16597	89.223	ug/l	99
14) Allyl chloride	2.666	41	89609	19.252	ug/l	97
15) Acrylonitrile	3.068	53	176465	100.418	ug/l	98
16) Acetone	2.386	43	148022	99.025	ug/l	95
17) Carbon Disulfide	2.508	76	117638	19.350	ug/l	98
18) Methyl Acetate	2.709	43	84763	19.363	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	154710	19.987	ug/l	99
20) Methylene Chloride	2.788	84	57096	16.566	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48498	19.596	ug/l	92
22) Diisopropyl ether	3.770	45	175165	19.878	ug/l	88
23) Vinyl Acetate	3.727	43	777408	101.408	ug/l	98
24) 1,1-Dichloroethane	3.611	63	93605	20.001	ug/l	98
25) 2-Butanone	4.568	43	251185	100.301	ug/l	95
26) 2,2-Dichloropropane	4.483	77	62912	18.899	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57945	19.786	ug/l	96
28) Bromochloromethane	4.904	49	41627	20.585	ug/l	98
29) Tetrahydrofuran	5.019	42	162465	96.634	ug/l	98
30) Chloroform	5.099	83	90314	19.524	ug/l	98
31) Cyclohexane	5.477	56	85309	20.269	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	74250	19.729	ug/l	98
36) 1,1-Dichloropropene	5.702	75	68698	19.934	ug/l	97
37) Ethyl Acetate	4.721	43	91641	18.914	ug/l	98
38) Carbon Tetrachloride	5.684	117	63089	19.644	ug/l	96
39) Methylcyclohexane	7.385	83	82037	18.785	ug/l	94
40) Benzene	6.044	78	210952	19.581	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50686	19.421	ug/l	96
42) 1,2-Dichloroethane	6.092	62	72829	19.519	ug/l	98
43) Isopropyl Acetate	6.348	43	138570	19.469	ug/l	98
44) Trichloroethene	7.129	130	55712	18.899	ug/l	94
45) 1,2-Dichloropropane	7.434	63	55543	19.296	ug/l	99
46) Dibromomethane	7.586	93	37203	19.057	ug/l	99
47) Bromodichloromethane	7.830	83	68658	19.285	ug/l	95
48) Methyl methacrylate	7.696	41	68397	19.492	ug/l	95
49) 1,4-Dioxane	7.665	88	31407	389.639	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	478021	98.686	ug/l	97
52) Toluene	8.720	92	126922	19.298	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72536	19.019	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	81217	19.468	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53356	19.124	ug/l	96
56) Ethyl methacrylate	9.122	69	86436	19.525	ug/l	94
57) 1,3-Dichloropropane	9.311	76	89540	19.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	235758	104.283	ug/l	98
59) 2-Hexanone	9.433	43	372811	97.976	ug/l	96
60) Dibromochloromethane	9.525	129	49927	19.289	ug/l	97
61) 1,2-Dibromoethane	9.610	107	56063	19.198	ug/l	99
64) Tetrachloroethene	9.275	164	55230	19.607	ug/l	97
65) Chlorobenzene	10.085	112	133463	18.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	47996	19.973	ug/l	99
67) Ethyl Benzene	10.195	91	246742	17.897	ug/l	100
68) m/p-Xylenes	10.305	106	187247	39.410	ug/l	96
69) o-Xylene	10.646	106	91962	19.644	ug/l	96
70) Styrene	10.659	104	154535	20.110	ug/l	97
71) Bromoform	10.805	173	34347	19.500	ug/l #	99
73) Isopropylbenzene	10.963	105	236461	19.664	ug/l	98
74) N-amyl acetate	10.848	43	113167	19.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83484	19.038	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	80355m	18.572	ug/l	
77) Bromobenzene	11.201	156	54633	19.360	ug/l	95
78) n-propylbenzene	11.305	91	277458	19.408	ug/l	100
79) 2-Chlorotoluene	11.366	91	169011	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	198949	19.828	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	25927	19.226	ug/l	94
82) 4-Chlorotoluene	11.457	91	190733	19.353	ug/l	100
83) tert-Butylbenzene	11.719	119	185398	19.902	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	203573	20.259	ug/l	97
85) sec-Butylbenzene	11.896	105	257788	20.162	ug/l	99
86) p-Isopropyltoluene	12.012	119	209292	20.482	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	104859	19.167	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105074	19.107	ug/l	97
89) n-Butylbenzene	12.335	91	193416	20.379	ug/l	99
90) Hexachloroethane	12.542	117	33465	19.018	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106564	19.816	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21968	20.471	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61966	19.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	23577	19.032	ug/l	98
95) Naphthalene	13.780	128	252216	20.551	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64374	19.997	ug/l	99

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

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