

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027139.D
 Acq On : 23 Feb 2022 12:15
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 23 12:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:34:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	138169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100544	96.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 193.060%#			
35) Dibromofluoromethane	5.391	113	83667	99.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.940%#			
50) Toluene-d8	8.653	98	309733	99.980	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.960%#			
62) 4-Bromofluorobenzene	11.085	95	117555	105.454	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 210.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	80996	87.914	ug/l	99
3) Chloromethane	1.294	50	73776	85.309	ug/l	98
4) Vinyl Chloride	1.380	62	76464	85.210	ug/l	99
5) Bromomethane	1.605	94	32571	85.800	ug/l	99
6) Chloroethane	1.678	64	46743	97.946	ug/l	98
7) Trichlorofluoromethane	1.886	101	123823	93.313	ug/l	100
8) Diethyl Ether	2.136	74	44050	89.627	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	85675	97.288	ug/l	97
10) Methyl Iodide	2.453	142	123870	108.475	ug/l	95
11) Tert butyl alcohol	2.989	59	100503	526.082	ug/l	97
12) 1,1-Dichloroethene	2.319	96	84422	96.118	ug/l	90
13) Acrolein	2.239	56	92331	528.276	ug/l	98
14) Allyl chloride	2.666	41	150702	96.849	ug/l	95
15) Acrylonitrile	3.068	53	255752	476.710	ug/l	99
16) Acetone	2.386	43	212965	466.365	ug/l	93
17) Carbon Disulfide	2.514	76	221332	90.080	ug/l	100
18) Methyl Acetate	2.709	43	117042	89.936	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	290467	93.409	ug/l	100
20) Methylene Chloride	2.794	84	91663	92.974	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	90703	97.967	ug/l	95
22) Diisopropyl ether	3.770	45	285241	91.325	ug/l	91
23) Vinyl Acetate	3.727	43	1263017	480.700	ug/l	97
24) 1,1-Dichloroethane	3.617	63	162503	95.717	ug/l	99
25) 2-Butanone	4.562	43	356077	484.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	126729	109.389	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	104569	98.128	ug/l	95
28) Bromochloromethane	4.904	49	66860	94.979	ug/l	91
29) Tetrahydrofuran	5.007	42	234098	469.703	ug/l	96
30) Chloroform	5.105	83	164531	92.992	ug/l	98
31) Cyclohexane	5.477	56	150950	92.393	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	149283	96.111	ug/l	98
36) 1,1-Dichloropropene	5.696	75	126303	96.784	ug/l	98
37) Ethyl Acetate	4.721	43	137169	93.176	ug/l	97
38) Carbon Tetrachloride	5.684	117	134207	97.999	ug/l	97
39) Methylcyclohexane	7.385	83	157544	98.532	ug/l	96
40) Benzene	6.044	78	363201	95.503	ug/l	99

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41) Methacrylonitrile	4.928	41	75567	94.558	ug/l	96
42) 1,2-Dichloroethane	6.092	62	129739	96.949	ug/l	97
43) Isopropyl Acetate	6.348	43	219291	96.892	ug/l	96
44) Trichloroethene	7.129	130	111296	97.643	ug/l	95
45) 1,2-Dichloropropane	7.434	63	92115	95.890	ug/l	99
46) Dibromomethane	7.586	93	65532	98.126	ug/l	95
47) Bromodichloromethane	7.824	83	128572	100.966	ug/l	99
48) Methyl methacrylate	7.696	41	107215	95.394	ug/l	95
49) 1,4-Dioxane	7.665	88	45446	2244.286	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	673635	483.073	ug/l	97
52) Toluene	8.720	92	229414	94.823	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	138792	111.471	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	151872	107.594	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	91494	99.387	ug/l	98
56) Ethyl methacrylate	9.122	69	147813	101.308	ug/l	94
57) 1,3-Dichloropropane	9.311	76	154356	98.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	367192	501.611	ug/l	97
59) 2-Hexanone	9.433	43	521232	506.940	ug/l	96
60) Dibromochloromethane	9.525	129	100608	106.186	ug/l	99
61) 1,2-Dibromoethane	9.616	107	98123	100.584	ug/l	100
64) Tetrachloroethene	9.275	164	111519	91.598	ug/l	95
65) Chlorobenzene	10.079	112	248827	97.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92983	99.043	ug/l	99
67) Ethyl Benzene	10.195	91	437295	96.764	ug/l	98
68) m/p-Xylenes	10.305	106	343096	196.350	ug/l	95
69) o-Xylene	10.646	106	166792	97.307	ug/l	96
70) Styrene	10.659	104	285659	102.305	ug/l	97
71) Bromoform	10.805	173	75831	114.654	ug/l #	100
73) Isopropylbenzene	10.963	105	432483	88.860	ug/l	98
74) N-amyl acetate	10.848	43	183095	94.326	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	126284	93.831	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	123069m	90.483	ug/l	
77) Bromobenzene	11.201	156	109279	93.462	ug/l	93
78) n-propylbenzene	11.305	91	508080	93.764	ug/l	99
79) 2-Chlorotoluene	11.366	91	302062	89.957	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	373334	92.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	43594	110.227	ug/l	86
82) 4-Chlorotoluene	11.457	91	353737	93.936	ug/l	97
83) tert-Butylbenzene	11.719	119	357481	92.617	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	376935	92.590	ug/l	97
85) sec-Butylbenzene	11.896	105	461121	94.422	ug/l	99
86) p-Isopropyltoluene	12.012	119	396990	95.934	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	209139	97.067	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	209722	96.499	ug/l	99
89) n-Butylbenzene	12.335	91	340038	100.006	ug/l	99
90) Hexachloroethane	12.542	117	66061	109.156	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	200851	96.727	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33263	102.070	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	135242	103.079	ug/l	99
94) Hexachlorobutadiene	13.725	225	54734	98.935	ug/l	99
95) Naphthalene	13.774	128	461606	100.919	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134772	101.557	ug/l	99

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

