

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026151.D
 Acq On : 29 Dec 2021 20:29
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 30 07:40:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 07:38:08 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2022
 Supervised By :Mahesh Dadoda 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	188617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170106	104.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 208.340%#			
35) Dibromofluoromethane	5.397	113	126642	99.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.020%#			
50) Toluene-d8	8.653	98	469429	99.737	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.480%#			
62) 4-Bromofluorobenzene	11.085	95	172461	97.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	125761	116.453	ug/l	98
3) Chloromethane	1.294	50	142265	105.133	ug/l	98
4) Vinyl Chloride	1.374	62	150053	103.687	ug/l	100
5) Bromomethane	1.611	94	94447	93.759	ug/l	99
6) Chloroethane	1.685	64	92892	89.081	ug/l	100
7) Trichlorofluoromethane	1.886	101	265592	108.984	ug/l	95
8) Diethyl Ether	2.136	74	89519	96.814	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	135190	106.656	ug/l	99
10) Methyl Iodide	2.453	142	189665	119.132	ug/l	99
11) Tert butyl alcohol	3.026	59	170846m	514.495	ug/l	
12) 1,1-Dichloroethene	2.319	96	131375	106.187	ug/l	91
13) Acrolein	2.239	56	73077	353.165	ug/l	98
14) Allyl chloride	2.666	41	257221	112.490	ug/l	96
15) Acrylonitrile	3.075	53	424610	542.373	ug/l	99
16) Acetone	2.392	43	435282	540.445	ug/l	97
17) Carbon Disulfide	2.514	76	372678	104.893	ug/l	100
18) Methyl Acetate	2.709	43	301850	117.096	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	465192	107.770	ug/l	98
20) Methylene Chloride	2.794	84	148398	92.410	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	140825	103.356	ug/l	91
22) Diisopropyl ether	3.769	45	514397	116.989	ug/l	89
23) Vinyl Acetate	3.727	43	2090425	612.447	ug/l	96
24) 1,1-Dichloroethane	3.617	63	272156	109.080	ug/l	99
25) 2-Butanone	4.568	43	651387	576.155	ug/l	96
26) 2,2-Dichloropropane	4.483	77	212544	111.707	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	164508	102.015	ug/l	92
28) Bromochloromethane	4.910	49	124567	113.071	ug/l	88
29) Tetrahydrofuran	5.013	42	413460	573.386	ug/l	94
30) Chloroform	5.105	83	284284	104.614	ug/l	96
31) Cyclohexane	5.477	56	247919	116.349	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	253891	106.896	ug/l	97
36) 1,1-Dichloropropene	5.702	75	209291	113.936	ug/l	98
37) Ethyl Acetate	4.721	43	251487	123.199	ug/l	98
38) Carbon Tetrachloride	5.684	117	229488	107.992	ug/l	99
39) Methylcyclohexane	7.385	83	237798	113.814	ug/l	93
40) Benzene	6.043	78	587101	109.011	ug/l	98

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41) Methacrylonitrile	4.928	41	139717	122.658	ug/l	93
42) 1,2-Dichloroethane	6.092	62	238260	115.522	ug/l	97
43) Isopropyl Acetate	6.348	43	398823	121.206	ug/l	96
44) Trichloroethene	7.129	130	157770	105.475	ug/l	93
45) 1,2-Dichloropropane	7.433	63	153704	112.351	ug/l	97
46) Dibromomethane	7.586	93	112669	107.262	ug/l	98
47) Bromodichloromethane	7.824	83	228450	109.851	ug/l	97
48) Methyl methacrylate	7.696	41	197121	126.638	ug/l	93
49) 1,4-Dioxane	7.683	88	68604	2090.455	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	1241604	580.159	ug/l	97
52) Toluene	8.720	92	371811	109.137	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	241335	121.787	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	256654	117.970	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	150851	103.762	ug/l	98
56) Ethyl methacrylate	9.122	69	250331	118.564	ug/l	90
57) 1,3-Dichloropropane	9.311	76	261208	109.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	607700	641.821	ug/l	95
59) 2-Hexanone	9.439	43	956048	590.996	ug/l	96
60) Dibromochloromethane	9.525	129	174531	106.544	ug/l	100
61) 1,2-Dibromoethane	9.616	107	163340	103.848	ug/l	99
64) Tetrachloroethene	9.275	164	141421	102.508	ug/l	99
65) Chlorobenzene	10.079	112	393407	109.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	153049	108.927	ug/l	99
67) Ethyl Benzene	10.195	91	726729	117.785	ug/l	97
68) m/p-Xylenes	10.305	106	545542	229.449	ug/l	94
69) o-Xylene	10.646	106	265531	113.527	ug/l	94
70) Styrene	10.659	104	452542	116.640	ug/l	96
71) Bromoform	10.805	173	127145	110.529	ug/l	98
73) Isopropylbenzene	10.963	105	713401	110.481	ug/l	98
74) N-amyl acetate	10.848	43	350930	131.792	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	232271	104.508	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	210492m	104.213	ug/l	
77) Bromobenzene	11.201	156	165756	101.918	ug/l	93
78) n-propylbenzene	11.305	91	846727	115.095	ug/l	97
79) 2-Chlorotoluene	11.366	91	498124	107.783	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	600630	112.507	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	79914	120.994	ug/l	91
82) 4-Chlorotoluene	11.457	91	585982	112.987	ug/l	95
83) tert-Butylbenzene	11.719	119	577622	109.898	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	605692	114.006	ug/l	97
85) sec-Butylbenzene	11.890	105	732345	115.463	ug/l	98
86) p-Isopropyltoluene	12.012	119	615055	115.871	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	318402	104.769	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	324913	104.142	ug/l	99
89) n-Butylbenzene	12.335	91	559391	124.087	ug/l	98
90) Hexachloroethane	12.542	117	124039	118.343	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	308734	106.707	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63357	124.786	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	201549	132.007	ug/l	98
94) Hexachlorobutadiene	13.725	225	76662	118.177	ug/l	99
95) Naphthalene	13.780	128	756989	147.045	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	205801	134.798	ug/l	99

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

