

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026154.D
 Acq On : 29 Dec 2021 21:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX123021

Quant Time: Dec 30 08:03:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 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	5.562	168	120546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	198149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89103	51.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.397	113	67331	52.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.653	98	243651	50.848	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.700%			
62) 4-Bromofluorobenzene	11.085	95	88637	51.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	60519	47.802	ug/l	96
3) Chloromethane	1.294	50	68450	46.447	ug/l	99
4) Vinyl Chloride	1.374	62	72893	46.998	ug/l	98
5) Bromomethane	1.611	94	45989	48.047	ug/l	98
6) Chloroethane	1.691	64	48040	44.048	ug/l	99
7) Trichlorofluoromethane	1.892	101	126408	47.314	ug/l	97
8) Diethyl Ether	2.136	74	44013	47.954	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	65521	46.519	ug/l	99
10) Methyl Iodide	2.459	142	86987	47.758	ug/l	99
11) Tert butyl alcohol	2.977	59	76445	219.466	ug/l	100
12) 1,1-Dichloroethene	2.325	96	62496	46.819	ug/l	93
13) Acrolein	2.239	56	38966	312.844	ug/l	98
14) Allyl chloride	2.666	41	123969	46.995	ug/l	96
15) Acrylonitrile	3.068	53	203168	235.583	ug/l	99
16) Acetone	2.386	43	197802	209.337	ug/l	96
17) Carbon Disulfide	2.514	76	178800	46.672	ug/l	100
18) Methyl Acetate	2.709	43	142554	46.512	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	221384	47.482	ug/l	98
20) Methylene Chloride	2.794	84	71425	47.223	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	67357	46.255	ug/l	94
22) Diisopropyl ether	3.770	45	241765	48.018	ug/l	89
23) Vinyl Acetate	3.727	43	985706	246.551	ug/l	97
24) 1,1-Dichloroethane	3.617	63	129431	47.436	ug/l	98
25) 2-Butanone	4.562	43	301434	229.012	ug/l	97
26) 2,2-Dichloropropane	4.489	77	97643	47.496	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	78482	47.373	ug/l	92
28) Bromochloromethane	4.903	49	56453	46.680	ug/l	87
29) Tetrahydrofuran	5.013	42	194579	234.540	ug/l	94
30) Chloroform	5.105	83	136328	47.238	ug/l	100
31) Cyclohexane	5.477	56	118507	47.717	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	120294	47.947	ug/l	97
36) 1,1-Dichloropropene	5.702	75	99392	47.836	ug/l	98
37) Ethyl Acetate	4.721	43	114534	47.540	ug/l	99
38) Carbon Tetrachloride	5.684	117	108852	47.097	ug/l	98
39) Methylcyclohexane	7.385	83	111920	47.752	ug/l	94
40) Benzene	6.044	78	279981	47.214	ug/l	98

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41) Methacrylonitrile	4.928	41	65745	48.325	ug/l	94
42) 1,2-Dichloroethane	6.092	62	113340	47.227	ug/l	98
43) Isopropyl Acetate	6.348	43	187375	47.721	ug/l	96
44) Trichloroethene	7.129	130	75038	47.027	ug/l	93
45) 1,2-Dichloropropane	7.434	63	72940	48.089	ug/l	98
46) Dibromomethane	7.586	93	52064	46.276	ug/l	100
47) Bromodichloromethane	7.824	83	107869	47.126	ug/l	97
48) Methyl methacrylate	7.696	41	92199	48.961	ug/l	93
49) 1,4-Dioxane	7.683	88	33196	956.589	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	594023	243.108	ug/l	97
52) Toluene	8.720	92	173290	47.468	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	109878	45.320	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	118040	48.792	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	71237	47.479	ug/l	99
56) Ethyl methacrylate	9.116	69	116434	50.316	ug/l	89
57) 1,3-Dichloropropane	9.311	76	121992	47.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	287279	232.928	ug/l	95
59) 2-Hexanone	9.433	43	448174	242.142	ug/l	96
60) Dibromochloromethane	9.525	129	81905	48.188	ug/l	100
61) 1,2-Dibromoethane	9.610	107	77531	48.295	ug/l	98
64) Tetrachloroethene	9.275	164	67103	44.759	ug/l	98
65) Chlorobenzene	10.079	112	182669	46.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71266	47.922	ug/l	99
67) Ethyl Benzene	10.195	91	339760	48.689	ug/l	96
68) m/p-Xylenes	10.305	106	253653	97.352	ug/l	92
69) o-Xylene	10.646	106	123412	48.410	ug/l	94
70) Styrene	10.659	104	209266	50.072	ug/l	96
71) Bromoform	10.805	173	57533	47.689	ug/l #	100
73) Isopropylbenzene	10.963	105	326579	48.110	ug/l	99
74) N-amyl acetate	10.848	43	157975	50.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	107780	46.685	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98977m	46.954	ug/l	
77) Bromobenzene	11.201	156	77639	48.228	ug/l	95
78) n-propylbenzene	11.305	91	386862	49.567	ug/l	97
79) 2-Chlorotoluene	11.366	91	228155	47.489	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	275827	48.963	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	33935	46.573	ug/l	88
82) 4-Chlorotoluene	11.457	91	264116	48.677	ug/l	96
83) tert-Butylbenzene	11.719	119	264199	48.319	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	275985	49.030	ug/l	98
85) sec-Butylbenzene	11.890	105	336267	49.281	ug/l	98
86) p-Isopropyltoluene	12.012	119	277968	48.866	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	145815	48.251	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	147658	45.572	ug/l	100
89) n-Butylbenzene	12.335	91	245176	48.499	ug/l	97
90) Hexachloroethane	12.542	117	54326	47.816	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	140343	44.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27150	45.939	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	88026	47.517	ug/l	99
94) Hexachlorobutadiene	13.725	225	34594	44.976	ug/l	99
95) Naphthalene	13.780	128	325694	48.254	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94072	49.911	ug/l	99

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

