

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026149.D
 Acq On : 29 Dec 2021 19:42
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 30 07:40:13 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	5.562	168	118746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33607	20.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.040%#		
35) Dibromofluoromethane	5.391	113	24810	18.533	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.060%#		
50) Toluene-d8	8.653	98	91931	18.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.320%#		
62) 4-Bromofluorobenzene	11.085	95	32043	17.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	24455	22.031	ug/l	98
3) Chloromethane	1.294	50	27367	19.675	ug/l	99
4) Vinyl Chloride	1.374	62	28325	19.042	ug/l	99
5) Bromomethane	1.618	94	17849	17.238	ug/l	97
6) Chloroethane	1.691	64	19188	17.902	ug/l	98
7) Trichlorofluoromethane	1.892	101	49628	19.812	ug/l	96
8) Diethyl Ether	2.136	74	16842	17.720	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	25740	19.756	ug/l	99
10) Methyl Iodide	2.459	142	33404	20.413	ug/l	99
11) Tert butyl alcohol	2.977	59	31475	92.214	ug/l	100
12) 1,1-Dichloroethene	2.325	96	24135	18.979	ug/l	94
13) Acrolein	2.239	56	8212	38.610	ug/l	95
14) Allyl chloride	2.666	41	47549	20.230	ug/l	96
15) Acrylonitrile	3.068	53	81687	101.512	ug/l	100
16) Acetone	2.386	43	87754	106.000	ug/l	93
17) Carbon Disulfide	2.514	76	68190	18.672	ug/l	100
18) Methyl Acetate	2.709	43	55683	21.015	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	84399	19.022	ug/l	98
20) Methylene Chloride	2.794	84	28246	17.112	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	25871	18.472	ug/l	94
22) Diisopropyl ether	3.763	45	92261	20.414	ug/l	90
23) Vinyl Acetate	3.727	43	371187	105.800	ug/l	96
24) 1,1-Dichloroethane	3.617	63	49926	19.468	ug/l	99
25) 2-Butanone	4.562	43	121928	104.921	ug/l	92
26) 2,2-Dichloropropane	4.483	77	37131	18.986	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30804	18.584	ug/l	93
28) Bromochloromethane	4.910	49	19201	16.956	ug/l #	10
29) Tetrahydrofuran	5.019	42	76072	102.635	ug/l	95
30) Chloroform	5.099	83	52332	18.735	ug/l	99
31) Cyclohexane	5.477	56	45815	20.918	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	45332	18.568	ug/l	97
36) 1,1-Dichloropropene	5.696	75	39043	20.308	ug/l	97
37) Ethyl Acetate	4.721	43	45716	21.398	ug/l	98
38) Carbon Tetrachloride	5.690	117	41210	18.529	ug/l	99
39) Methylcyclohexane	7.385	83	42630	19.494	ug/l	93
40) Benzene	6.044	78	108563	19.260	ug/l	99

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41) Methacrylonitrile	4.928	41	24456	20.514	ug/l	95
42) 1,2-Dichloroethane	6.092	62	43564	20.181	ug/l	98
43) Isopropyl Acetate	6.342	43	71774	20.841	ug/l	96
44) Trichloroethene	7.135	130	29439	18.804	ug/l	96
45) 1,2-Dichloropropane	7.434	63	27619	19.289	ug/l	99
46) Dibromomethane	7.586	93	20250	18.419	ug/l	99
47) Bromodichloromethane	7.824	83	42439	19.498	ug/l	92
48) Methyl methacrylate	7.696	41	35550	21.821	ug/l	92
49) 1,4-Dioxane	7.684	88	13481	392.485	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	235218	105.013	ug/l	96
52) Toluene	8.720	92	66991	18.788	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	39659	19.122	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	44526	19.555	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27732	18.226	ug/l	97
56) Ethyl methacrylate	9.116	69	42215	19.104	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	47204	18.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	96357	97.234	ug/l	94
59) 2-Hexanone	9.433	43	179693	106.132	ug/l	95
60) Dibromochloromethane	9.525	129	30585	17.839	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28856	17.529	ug/l	99
64) Tetrachloroethene	9.275	164	26709	18.788	ug/l	98
65) Chlorobenzene	10.079	112	72027	19.375	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27178	18.771	ug/l	98
67) Ethyl Benzene	10.195	91	127434	20.044	ug/l	96
68) m/p-Xylenes	10.305	106	96671	39.457	ug/l	95
69) o-Xylene	10.646	106	47742	19.809	ug/l	98
70) Styrene	10.659	104	78646	19.671	ug/l	96
71) Bromoform	10.805	173	22243	18.765	ug/l #	99
73) Isopropylbenzene	10.963	105	123848	19.450	ug/l	99
74) N-amyl acetate	10.848	43	56241	21.419	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	42130	19.223	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	38629m	19.395	ug/l	
77) Bromobenzene	11.201	156	29203	18.209	ug/l	93
78) n-propylbenzene	11.305	91	145754	20.092	ug/l	96
79) 2-Chlorotoluene	11.366	91	85075	18.668	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	103528	19.666	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12375	19.001	ug/l	89
82) 4-Chlorotoluene	11.457	91	98975	19.353	ug/l	97
83) tert-Butylbenzene	11.719	119	100253	19.343	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	103942	19.840	ug/l	97
85) sec-Butylbenzene	11.890	105	126928	20.294	ug/l	98
86) p-Isopropyltoluene	12.012	119	103465	19.767	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54534	18.197	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55102	17.911	ug/l	98
89) n-Butylbenzene	12.335	91	92219	20.745	ug/l	96
90) Hexachloroethane	12.542	117	20777	20.102	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	57582	20.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10616	21.204	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	33971	22.564	ug/l	98
94) Hexachlorobutadiene	13.725	225	13360	20.885	ug/l	97
95) Naphthalene	13.774	128	121146	23.865	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34311	22.790	ug/l	99

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

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