

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026152.D
 Acq On : 29 Dec 2021 20:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 30 07:41:11 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	119800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	195866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91452	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	267298	157.850	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 315.700%#	
35) Dibromofluoromethane	5.397	113	200645	151.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 302.120%#	
50) Toluene-d8	8.653	98	737404	150.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 301.740%#	
62) 4-Bromofluorobenzene	11.085	95	281933	153.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 307.460%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	186242	166.303	ug/l	98
3) Chloromethane	1.294	50	209581	149.352	ug/l	98
4) Vinyl Chloride	1.374	62	221561	147.636	ug/l	100
5) Bromomethane	1.611	94	141772	135.717	ug/l	99
7) Trichlorofluoromethane	1.886	101	392300	155.233	ug/l	96
8) Diethyl Ether	2.136	74	134680	140.457	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	202253	153.870	ug/l	99
10) Methyl Iodide	2.453	142	280527	169.916	ug/l	99
11) Tert butyl alcohol	3.062	59	253972m	737.533	ug/l	
12) 1,1-Dichloroethene	2.319	96	195366	152.275	ug/l	92
13) Acrolein	2.239	56	132053	615.409	ug/l	99
14) Allyl chloride	2.666	41	388228	163.725	ug/l	95
15) Acrylonitrile	3.075	53	633282	780.052	ug/l	99
16) Acetone	2.392	43	633476	758.455	ug/l	97
17) Carbon Disulfide	2.514	76	552133	149.857	ug/l	99
18) Methyl Acetate	2.709	43	449394	168.112	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	709244	158.445	ug/l	99
20) Methylene Chloride	2.794	84	218639	131.292	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	209277	148.114	ug/l	90
22) Diisopropyl ether	3.769	45	774412	169.839	ug/l	91
23) Vinyl Acetate	3.733	43	3152980	890.788	ug/l	96
24) 1,1-Dichloroethane	3.617	63	406623	157.159	ug/l	98
25) 2-Butanone	4.574	43	962952	821.342	ug/l	96
26) 2,2-Dichloropropane	4.483	77	324056	164.238	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	245381	146.736	ug/l	92
28) Bromochloromethane	4.910	49	201431	176.317	ug/l	87
29) Tetrahydrofuran	5.019	42	618008	826.470	ug/l	95
30) Chloroform	5.105	83	430353	152.716	ug/l	100
31) Cyclohexane	5.477	56	368238	166.649	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	381124	154.739	ug/l	98
36) 1,1-Dichloropropene	5.702	75	313840	164.528	ug/l	98
37) Ethyl Acetate	4.727	43	377416	178.047	ug/l	98
38) Carbon Tetrachloride	5.684	117	344540	156.133	ug/l	99
39) Methylcyclohexane	7.385	83	352839	162.624	ug/l	94
40) Benzene	6.043	78	873612	156.206	ug/l	98
41) Methacrylonitrile	4.934	41	208055	175.892	ug/l	95

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42) 1,2-Dichloroethane	6.092	62	357505	166.923	ug/l	97
43) Isopropyl Acetate	6.348	43	606781	177.581	ug/l	96
44) Trichloroethene	7.129	130	235423	151.564	ug/l	91
45) 1,2-Dichloropropane	7.433	63	226518	159.447	ug/l	100
46) Dibromomethane	7.586	93	166470	152.616	ug/l	98
47) Bromodichloromethane	7.824	83	340809	157.814	ug/l	95
48) Methyl methacrylate	7.696	41	293420	181.528	ug/l	93
49) 1,4-Dioxane	7.696	88	97560	2862.760	ug/l #	92
51) 4-Methyl-2-Pentanone	8.586	43	1840803	828.310	ug/l	97
52) Toluene	8.720	92	551393	155.859	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	368663	179.156	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	385543	170.655	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	224610	148.779	ug/l	98
56) Ethyl methacrylate	9.122	69	376644	171.787	ug/l	89
57) 1,3-Dichloropropane	9.311	76	387628	155.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	940940	956.992	ug/l	95
59) 2-Hexanone	9.439	43	1423492	847.387	ug/l	96
60) Dibromochloromethane	9.525	129	260872	153.358	ug/l	99
61) 1,2-Dibromoethane	9.616	107	241776	148.027	ug/l	99
64) Tetrachloroethene	9.275	164	209825	144.999	ug/l	99
65) Chlorobenzene	10.079	112	579358	153.107	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	225781	153.200	ug/l	99
67) Ethyl Benzene	10.195	91	1080170	166.907	ug/l	97
68) m/p-Xylenes	10.305	106	803383	322.141	ug/l	93
69) o-Xylene	10.646	106	395628	161.263	ug/l	94
70) Styrene	10.659	104	677711	166.532	ug/l	96
71) Bromoform	10.805	173	190746	158.088	ug/l #	100
73) Isopropylbenzene	10.963	105	1065178	156.408	ug/l	98
74) N-amyl acetate	10.848	43	544446	193.867	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.219	83	349433	149.073	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	313867m	147.337	ug/l	
77) Bromobenzene	11.201	156	247874	144.509	ug/l	92
78) n-propylbenzene	11.305	91	1271265	163.844	ug/l	97
79) 2-Chlorotoluene	11.366	91	753235	154.534	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	891259	158.292	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	124151	178.227	ug/l	92
82) 4-Chlorotoluene	11.457	91	880599	160.992	ug/l	94
83) tert-Butylbenzene	11.719	119	856320	154.477	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	904291	161.386	ug/l	97
85) sec-Butylbenzene	11.896	105	1100314	164.484	ug/l	98
86) p-Isopropyltoluene	12.012	119	932287	166.530	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	485350	151.423	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	485131	147.435	ug/l	99
89) n-Butylbenzene	12.335	91	850165	178.812	ug/l	98
90) Hexachloroethane	12.542	117	183609	166.096	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	464197	152.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	100268	187.248	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	300041	186.328	ug/l	99
94) Hexachlorobutadiene	13.725	225	122274	178.717	ug/l	98
95) Naphthalene	13.780	128	1145614	211.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	309762	192.373	ug/l	99

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

