

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026804.D
 Acq On : 08 Feb 2022 01:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 08 05:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 05:11:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	106205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	25887	18.340	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.680%#		
35) Dibromofluoromethane	5.385	113	21071	19.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.100%#		
50) Toluene-d8	8.653	98	79986	20.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.880%#		
62) 4-Bromofluorobenzene	11.079	95	27854	20.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	23305	18.918	ug/l	100
3) Chloromethane	1.294	50	21753	19.192	ug/l	98
4) Vinyl Chloride	1.380	62	22705	19.179	ug/l	97
5) Bromomethane	1.618	94	9596	17.985	ug/l	98
6) Chloroethane	1.691	64	13459	21.866	ug/l	94
7) Trichlorofluoromethane	1.892	101	32301	17.493	ug/l	98
8) Diethyl Ether	2.136	74	12190	18.619	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	21604	18.994	ug/l	98
10) Methyl Iodide	2.459	142	26545	22.545	ug/l	96
11) Tert butyl alcohol	2.977	59	21354	103.560	ug/l	96
12) 1,1-Dichloroethene	2.325	96	21044	19.230	ug/l	91
13) Acrolein	2.239	56	17433	79.715	ug/l	99
14) Allyl chloride	2.672	41	37170	18.635	ug/l	96
15) Acrylonitrile	3.068	53	66441	104.703	ug/l	99
16) Acetone	2.386	43	53670	75.321	ug/l	96
17) Carbon Disulfide	2.520	76	59528	18.658	ug/l	100
18) Methyl Acetate	2.709	43	31099	20.693	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	74751	18.922	ug/l	98
20) Methylene Chloride	2.794	84	23344	18.913	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	22487	19.028	ug/l	95
22) Diisopropyl ether	3.763	45	77220	19.041	ug/l	96
23) Vinyl Acetate	3.727	43	326413	97.566	ug/l	98
24) 1,1-Dichloroethane	3.617	63	41463	18.929	ug/l	98
25) 2-Butanone	4.562	43	91663	95.652	ug/l	98
26) 2,2-Dichloropropane	4.483	77	27063	16.943	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	26205	19.461	ug/l	96
28) Bromochloromethane	4.910	49	16879	18.788	ug/l	96
29) Tetrahydrofuran	5.013	42	61760	105.876	ug/l	99
30) Chloroform	5.105	83	42739	18.827	ug/l	99
31) Cyclohexane	5.477	56	39606	18.530	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	37158	18.625	ug/l	100
36) 1,1-Dichloropropene	5.696	75	32197	18.581	ug/l	98
37) Ethyl Acetate	4.715	43	36419	20.443	ug/l	98
38) Carbon Tetrachloride	5.684	117	32714	18.409	ug/l	100
39) Methylcyclohexane	7.385	83	39547	18.850	ug/l	95
40) Benzene	6.044	78	93448	19.343	ug/l	100

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41) Methacrylonitrile	4.928	41	20527	20.427	ug/l	97
42) 1,2-Dichloroethane	6.092	62	33813	18.158	ug/l	98
43) Isopropyl Acetate	6.342	43	57410	20.059	ug/l	98
44) Trichloroethene	7.129	130	28091	20.330	ug/l	92
45) 1,2-Dichloropropane	7.434	63	24007	19.923	ug/l	97
46) Dibromomethane	7.586	93	16744	19.745	ug/l	96
47) Bromodichloromethane	7.824	83	31769	18.703	ug/l	99
48) Methyl methacrylate	7.696	41	28356	19.996	ug/l	97
49) 1,4-Dioxane	7.684	88	9497	406.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	181668	106.935	ug/l	98
52) Toluene	8.720	92	59682	20.116	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	31220	19.528	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	35038	19.118	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	23462	20.271	ug/l	97
56) Ethyl methacrylate	9.116	69	38333	21.614	ug/l	94
57) 1,3-Dichloropropane	9.311	76	39963	19.936	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	91683	97.543	ug/l	97
59) 2-Hexanone	9.433	43	133751	103.877	ug/l	98
60) Dibromochloromethane	9.525	129	24268	20.211	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24933	20.643	ug/l	99
64) Tetrachloroethene	9.275	164	31092	21.491	ug/l	94
65) Chlorobenzene	10.079	112	62192	19.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23054	19.685	ug/l	98
67) Ethyl Benzene	10.195	91	111774	19.572	ug/l	99
68) m/p-Xylenes	10.305	106	85208	39.771	ug/l	97
69) o-Xylene	10.646	106	41664	20.108	ug/l	98
70) Styrene	10.659	104	69016	20.472	ug/l	98
71) Bromoform	10.799	173	15945	19.949	ug/l #	100
73) Isopropylbenzene	10.963	105	109806	20.142	ug/l	99
74) N-amyl acetate	10.841	43	44514	21.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	28651	19.720	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	30370m	20.764	ug/l	
77) Bromobenzene	11.201	156	25655	20.493	ug/l	95
78) n-propylbenzene	11.305	91	121626	19.669	ug/l	99
79) 2-Chlorotoluene	11.366	91	73527	19.596	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	90431	20.168	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7850	18.796	ug/l	99
82) 4-Chlorotoluene	11.457	91	83847	19.471	ug/l	98
83) tert-Butylbenzene	11.713	119	84409	20.190	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	90550	20.251	ug/l	98
85) sec-Butylbenzene	11.890	105	107790	19.975	ug/l	98
86) p-Isopropyltoluene	12.012	119	90565	19.960	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45641	19.469	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46582	19.699	ug/l	99
89) n-Butylbenzene	12.335	91	73668	19.079	ug/l	99
90) Hexachloroethane	12.542	117	12521	18.718	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	44604	20.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6723	18.999	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	27343	19.291	ug/l	99
94) Hexachlorobutadiene	13.725	225	11738	19.556	ug/l	98
95) Naphthalene	13.780	128	99572	20.836	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28042	19.993	ug/l	99

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

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