

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026416.D
 Acq On : 11 Jan 2022 12:48
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 11 14:13:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	28528	18.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	37.340%#		
35) Dibromofluoromethane	5.385	113	21529	18.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.740%#		
50) Toluene-d8	8.653	98	78974	18.608	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.220%#		
62) 4-Bromofluorobenzene	11.079	95	27722	18.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	25527	23.016	ug/l	95
3) Chloromethane	1.295	50	23263	18.019	ug/l	97
4) Vinyl Chloride	1.380	62	24635	18.131	ug/l	100
5) Bromomethane	1.618	94	11792	14.063	ug/l	98
6) Chloroethane	1.691	64	13951	14.602	ug/l	96
7) Trichlorofluoromethane	1.892	101	39135	16.721	ug/l	95
8) Diethyl Ether	2.136	74	13832	17.203	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	23769	19.264	ug/l	98
10) Methyl Iodide	2.459	142	21031	13.180	ug/l	99
11) Tert butyl alcohol	2.989	59	21369	70.029	ug/l	100
12) 1,1-Dichloroethene	2.325	96	22093	18.893	ug/l	89
13) Acrolein	2.239	56	18717	171.536	ug/l	99
14) Allyl chloride	2.666	41	41350	17.893	ug/l	97
15) Acrylonitrile	3.069	53	66066	87.447	ug/l	99
16) Acetone	2.386	43	85969	103.857	ug/l	94
17) Carbon Disulfide	2.520	76	64058	19.087	ug/l	99
18) Methyl Acetate	2.709	43	30423	11.331	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	82218	20.129	ug/l	99
20) Methylene Chloride	2.794	84	24823	17.036	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	24440	19.158	ug/l	95
22) Diisopropyl ether	3.764	45	85658	19.420	ug/l	97
23) Vinyl Acetate	3.727	43	356342	101.742	ug/l	98
24) 1,1-Dichloroethane	3.611	63	45271	18.939	ug/l	99
25) 2-Butanone	4.562	43	107096	92.879	ug/l	99
26) 2,2-Dichloropropane	4.483	77	32813	18.220	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	28148	19.395	ug/l	93
28) Bromochloromethane	4.904	49	19022	17.955	ug/l	91
29) Tetrahydrofuran	5.013	42	60365	83.058	ug/l	96
30) Chloroform	5.099	83	47780	18.899	ug/l	100
31) Cyclohexane	5.477	56	44217	20.323	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	42142	19.174	ug/l	100
36) 1,1-Dichloropropene	5.696	75	36291	19.720	ug/l	97
37) Ethyl Acetate	4.715	43	37305	17.483	ug/l	99
38) Carbon Tetrachloride	5.684	117	37226	18.185	ug/l	98
39) Methylcyclohexane	7.385	83	42995	20.712	ug/l	94
40) Benzene	6.044	78	100255	19.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21056	17.474	ug/l	95
42) 1,2-Dichloroethane	6.092	62	39912	18.777	ug/l	98
43) Isopropyl Acetate	6.342	43	60866	17.502	ug/l	98
44) Trichloroethene	7.129	130	28652	20.273	ug/l	93
45) 1,2-Dichloropropane	7.434	63	25810	19.212	ug/l	94
46) Dibromomethane	7.586	93	18006	18.070	ug/l	98
47) Bromodichloromethane	7.824	83	35994	17.754	ug/l	98
48) Methyl methacrylate	7.696	41	30452	18.258	ug/l	92
49) 1,4-Dioxane	7.702	88	9580	311.684	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	188890	87.280	ug/l	98
52) Toluene	8.720	92	62826	19.430	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	34112	17.807	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	38220	17.837	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25019	18.827	ug/l	97
56) Ethyl methacrylate	9.116	69	38830	18.945	ug/l	95
57) 1,3-Dichloropropane	9.311	76	43727	19.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	102978	105.937	ug/l	98
59) 2-Hexanone	9.433	43	147032	89.690	ug/l	98
60) Dibromochloromethane	9.525	129	26261	17.444	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25918	18.228	ug/l	100
64) Tetrachloroethene	9.275	164	29557	23.636	ug/l	98
65) Chlorobenzene	10.079	112	64816	19.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24129	19.452	ug/l	99
67) Ethyl Benzene	10.195	91	119424	20.518	ug/l	97
68) m/p-Xylenes	10.305	106	88824	40.871	ug/l	92
69) o-Xylene	10.640	106	43461	20.439	ug/l	94
70) Styrene	10.659	104	70321	20.173	ug/l	96
71) Bromoform	10.799	173	16278	16.176	ug/l #	100
73) Isopropylbenzene	10.963	105	117446	22.704	ug/l	98
74) N-amyl acetate	10.842	43	45178	19.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30942	17.588	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31679m	19.721	ug/l	
77) Bromobenzene	11.201	156	26260	21.406	ug/l	93
78) n-propylbenzene	11.305	91	130835	21.998	ug/l	97
79) 2-Chlorotoluene	11.366	91	79298	21.660	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	96556	22.493	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7503	13.513	ug/l #	76
82) 4-Chlorotoluene	11.457	91	91435	22.114	ug/l	95
83) tert-Butylbenzene	11.713	119	88433	21.224	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	95576	22.282	ug/l	97
85) sec-Butylbenzene	11.890	105	115382	22.190	ug/l	98
86) p-Isopropyltoluene	12.012	119	97204	22.424	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	48066	20.872	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48351	19.583	ug/l	98
89) n-Butylbenzene	12.335	91	81443	21.142	ug/l	99
90) Hexachloroethane	12.542	117	13230	15.281	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	46575	19.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7201	15.989	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	28284	20.036	ug/l	98
94) Hexachlorobutadiene	13.725	225	12265	20.925	ug/l	98
95) Naphthalene	13.774	128	99319	19.310	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28330	19.725	ug/l	99

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

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