

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030722\
 Data File : VX027321.D
 Acq On : 07 Mar 2022 12:58
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 07 14:04:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 07 14:02:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	101431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	15237	19.043	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.080%#		
35) Dibromofluoromethane	5.391	113	12247	19.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.440%#		
50) Toluene-d8	8.653	98	46025	19.474	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	11.085	95	17276	19.002	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	14211	21.269	ug/l	95
3) Chloromethane	1.294	50	10223	17.034	ug/l	98
4) Vinyl Chloride	1.373	62	9881	16.639	ug/l	99
5) Bromomethane	1.605	94	6052	21.542	ug/l	96
6) Chloroethane	1.684	64	6259	17.130	ug/l	96
7) Trichlorofluoromethane	1.892	101	18326	19.410	ug/l	100
8) Diethyl Ether	2.135	74	5370	16.754	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	12123	18.570	ug/l	95
10) Methyl Iodide	2.452	142	13882	16.049	ug/l	97
11) Tert butyl alcohol	2.971	59	14549	94.419	ug/l	96
12) 1,1-Dichloroethene	2.324	96	11684	18.463	ug/l	87
13) Acrolein	2.239	56	12396	89.776	ug/l	97
14) Allyl chloride	2.666	41	19288	17.473	ug/l	98
15) Acrylonitrile	3.068	53	36677	94.347	ug/l	99
16) Acetone	2.385	43	32859	95.209	ug/l	95
17) Carbon Disulfide	2.513	76	30326	18.353	ug/l	99
18) Methyl Acetate	2.708	43	16234	18.437	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	40321	18.616	ug/l	98
20) Methylene Chloride	2.794	84	13314	18.696	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	12923	19.079	ug/l	95
22) Diisopropyl ether	3.769	45	37367	17.435	ug/l	97
23) Vinyl Acetate	3.727	43	163631	90.153	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	22266	18.159	ug/l	97
25) 2-Butanone	4.562	43	50290	92.323	ug/l	98
26) 2,2-Dichloropropane	4.483	77	17018	18.902	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	14755	18.847	ug/l	93
28) Bromochloromethane	4.903	49	8561	17.323	ug/l	83
29) Tetrahydrofuran	5.013	42	32456	89.403	ug/l	92
30) Chloroform	5.098	83	24343	18.998	ug/l	99
31) Cyclohexane	5.476	56	20110	17.506	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	21207	19.094	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17511	19.276	ug/l	96
37) Ethyl Acetate	4.720	43	18145	18.260	ug/l	96
38) Carbon Tetrachloride	5.684	117	19827	20.735	ug/l	99
39) Methylcyclohexane	7.384	83	21557	19.138	ug/l	92
40) Benzene	6.043	78	51892	19.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	10489	19.240	ug/l	94
42) 1,2-Dichloroethane	6.092	62	19208	20.197	ug/l	98
43) Isopropyl Acetate	6.348	43	28232	18.531	ug/l	97
44) Trichloroethene	7.128	130	15149	19.071	ug/l	93
45) 1,2-Dichloropropane	7.433	63	12713	19.674	ug/l	92
46) Dibromomethane	7.580	93	9248	19.761	ug/l	92
47) Bromodichloromethane	7.823	83	18237	19.894	ug/l	97
48) Methyl methacrylate	7.695	41	14201	19.199	ug/l	93
49) 1,4-Dioxane	7.659	88	7226	420.881	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	96740	97.326	ug/l	97
52) Toluene	8.720	92	33327	19.539	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	17519	19.498	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	20089	19.733	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	13810	20.417	ug/l	95
56) Ethyl methacrylate	9.122	69	19879	18.988	ug/l	94
57) 1,3-Dichloropropane	9.311	76	22326	19.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	48553	96.001	ug/l	95
59) 2-Hexanone	9.433	43	73689	96.732	ug/l	94
60) Dibromochloromethane	9.524	129	14799	20.859	ug/l	100
61) 1,2-Dibromoethane	9.610	107	14425	20.053	ug/l	100
64) Tetrachloroethene	9.274	164	15392	18.677	ug/l	96
65) Chlorobenzene	10.079	112	37151	19.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	13987	20.390	ug/l	99
67) Ethyl Benzene	10.195	91	65167	19.761	ug/l	100
68) m/p-Xylenes	10.305	106	51783	40.719	ug/l	97
69) o-Xylene	10.646	106	24312	19.085	ug/l	99
70) Styrene	10.658	104	41143	19.784	ug/l	98
71) Bromoform	10.799	173	10422	19.901	ug/l #	100
73) Isopropylbenzene	10.963	105	64910	18.411	ug/l	98
74) N-amyl acetate	10.841	43	23197	17.349	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	19783	18.885	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	18609m	18.679	ug/l	
77) Bromobenzene	11.201	156	17027	19.283	ug/l	92
78) n-propylbenzene	11.305	91	73093	18.253	ug/l	99
79) 2-Chlorotoluene	11.365	91	44921	18.302	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	58424	19.714	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	5234	16.881	ug/l	93
82) 4-Chlorotoluene	11.457	91	52916	18.854	ug/l	95
83) tert-Butylbenzene	11.719	119	53407	18.434	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	54654	18.273	ug/l	97
85) sec-Butylbenzene	11.890	105	70380	19.470	ug/l	99
86) p-Isopropyltoluene	12.012	119	59084	19.091	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	30066	18.133	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	30956	18.179	ug/l	97
89) n-Butylbenzene	12.335	91	48346	18.837	ug/l	97
90) Hexachloroethane	12.542	117	8525	17.778	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	30964	19.133	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	4649	19.070	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	19371	18.906	ug/l	98
94) Hexachlorobutadiene	13.725	225	8252	19.456	ug/l	94
95) Naphthalene	13.780	128	65183	18.785	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	20795	20.239	ug/l	98

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

