

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027330.D
 Acq On : 08 Mar 2022 14:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 08 15:13:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:10:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	357297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82880	33.093	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	66.180%		
35) Dibromofluoromethane	5.391	113	74425	33.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	66.920%#		
50) Toluene-d8	8.653	98	280280	34.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	69.400%		
62) 4-Bromofluorobenzene	11.085	95	105333	35.660	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	71.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	74278	24.519	ug/l	99
3) Chloromethane	1.295	50	72646	19.110	ug/l	98
4) Vinyl Chloride	1.374	62	78526	18.721	ug/l	100
5) Bromomethane	1.599	94	46852	29.185	ug/l	97
6) Chloroethane	1.685	64	44599	13.143	ug/l	96
7) Trichlorofluoromethane	1.886	101	108145	18.341	ug/l	100
8) Diethyl Ether	2.136	74	41042	17.501	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	70476	20.385	ug/l	97
10) Methyl Iodide	2.453	142	100668	27.862	ug/l	98
11) Tert butyl alcohol	2.965	59	78830	124.189	ug/l	100
12) 1,1-Dichloroethene	2.319	96	68233	19.538	ug/l	91
13) Acrolein	2.233	56	50228	162.510	ug/l	96
14) Allyl chloride	2.666	41	105312	22.719	ug/l	95
15) Acrylonitrile	3.063	53	212976	120.816	ug/l	100
16) Acetone	2.380	43	169809	103.908	ug/l	98
17) Carbon Disulfide	2.514	76	177858	19.498	ug/l	100
18) Methyl Acetate	2.703	43	86756	23.596	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	223957	23.094	ug/l	98
20) Methylene Chloride	2.788	84	78296	19.754	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	73257	20.492	ug/l	98
22) Diisopropyl ether	3.764	45	213219	23.066	ug/l #	89
23) Vinyl Acetate	3.721	43	903684	120.930	ug/l	96
24) 1,1-Dichloroethane	3.611	63	127788	20.900	ug/l	98
25) 2-Butanone	4.556	43	278838	126.800	ug/l	97
26) 2,2-Dichloropropane	4.477	77	88361	18.267	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	86807	21.621	ug/l	95
28) Bromochloromethane	4.904	49	53941	21.473	ug/l	96
29) Tetrahydrofuran	5.007	42	188824	138.259	ug/l	93
30) Chloroform	5.099	83	135801	20.470	ug/l	97
31) Cyclohexane	5.471	56	116743	26.294	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	115141	20.847	ug/l	98
36) 1,1-Dichloropropene	5.696	75	99186	20.906	ug/l	97
37) Ethyl Acetate	4.721	43	104167	24.414	ug/l	99
38) Carbon Tetrachloride	5.684	117	101966	19.761	ug/l	99
39) Methylcyclohexane	7.385	83	128094	23.960	ug/l	97
40) Benzene	6.044	78	304857	21.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57170	24.737	ug/l	96
42) 1,2-Dichloroethane	6.092	62	101750	20.743	ug/l	100
43) Isopropyl Acetate	6.342	43	155727	23.889	ug/l	98
44) Trichloroethene	7.129	130	82786	20.910	ug/l	96
45) 1,2-Dichloropropane	7.434	63	76595	20.598	ug/l	97
46) Dibromomethane	7.586	93	54042	21.276	ug/l	99
47) Bromodichloromethane	7.824	83	101686	19.902	ug/l	98
48) Methyl methacrylate	7.696	41	78816	24.970	ug/l	92
49) 1,4-Dioxane	7.659	88	43454	517.015	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	541723	133.092	ug/l	97
52) Toluene	8.720	92	197644	22.766	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101665	20.723	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112901	20.274	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	81647	21.692	ug/l	96
56) Ethyl methacrylate	9.116	69	118536	25.686	ug/l	94
57) 1,3-Dichloropropane	9.311	76	133385	21.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	304007	117.389	ug/l	99
59) 2-Hexanone	9.433	43	420701	138.605	ug/l	95
60) Dibromochloromethane	9.525	129	81695	20.127	ug/l	96
61) 1,2-Dibromoethane	9.610	107	85016	22.189	ug/l	100
64) Tetrachloroethene	9.275	164	71408	21.417	ug/l	97
65) Chlorobenzene	10.080	112	216466	22.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75444	21.137	ug/l	99
67) Ethyl Benzene	10.195	91	374263	24.165	ug/l	97
68) m/p-Xylenes	10.305	106	297079	50.715	ug/l	100
69) o-Xylene	10.647	106	147145	26.449	ug/l	100
70) Styrene	10.659	104	245221	26.525	ug/l	100
71) Bromoform	10.799	173	60159	21.083	ug/l #	100
73) Isopropylbenzene	10.964	105	381978	26.161	ug/l	99
74) N-amyl acetate	10.842	43	137241	26.902	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	129303	23.133	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	115211m	23.839	ug/l	
77) Bromobenzene	11.201	156	95153	23.910	ug/l	95
78) n-propylbenzene	11.305	91	431830	26.131	ug/l	99
79) 2-Chlorotoluene	11.366	91	262931	25.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	325666	27.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32784	22.783	ug/l	88
82) 4-Chlorotoluene	11.457	91	301926	25.484	ug/l	99
83) tert-Butylbenzene	11.720	119	323840	26.456	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	322115	26.696	ug/l	100
85) sec-Butylbenzene	11.890	105	395519	28.263	ug/l	99
86) p-Isopropyltoluene	12.012	119	333980	26.372	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175946	24.146	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177410	23.517	ug/l	98
89) n-Butylbenzene	12.335	91	274777	24.983	ug/l	97
90) Hexachloroethane	12.543	117	49008	19.452	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	175953	23.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26727	24.211	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	113812	26.290	ug/l	97
94) Hexachlorobutadiene	13.725	225	49310	23.738	ug/l	95
95) Naphthalene	13.780	128	394608	29.795	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113035	25.342	ug/l	96

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

