

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034011.D
 Acq On : 03 Feb 2023 15:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 03 22:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30652	19.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.240%#		
35) Dibromofluoromethane	5.385	113	28606	21.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.720%#		
50) Toluene-d8	8.647	98	102367	21.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.200%#		
62) 4-Bromofluorobenzene	11.079	95	36491	20.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26608	21.494	ug/l	99
3) Chloromethane	1.294	50	24922	18.907	ug/l	97
4) Vinyl Chloride	1.373	62	25841	20.292	ug/l	96
5) Bromomethane	1.611	94	14417	19.556	ug/l	98
6) Chloroethane	1.690	64	14099	17.803	ug/l	96
7) Trichlorofluoromethane	1.892	101	41105	19.542	ug/l	96
8) Diethyl Ether	2.136	74	13829	19.564	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	26576	18.894	ug/l	91
10) Methyl Iodide	2.453	142	37870	20.496	ug/l	93
11) Tert butyl alcohol	2.959	59	19800	73.578	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	25747	19.441	ug/l	87
13) Acrolein	2.233	56	27427	99.375	ug/l	99
14) Allyl chloride	2.666	41	41731	17.305	ug/l	89
15) Acrylonitrile	3.056	53	69160	94.320	ug/l	99
16) Acetone	2.373	43	62949	85.848	ug/l	95
17) Carbon Disulfide	2.514	76	63065	18.280	ug/l	98
18) Methyl Acetate	2.696	43	41056	18.338	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	79295	18.367	ug/l	99
20) Methylene Chloride	2.794	84	28505	18.152	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	28270	19.311	ug/l	99
22) Diisopropyl ether	3.757	45	82789	17.719	ug/l	96
23) Vinyl Acetate	3.721	43	320084	90.880	ug/l	96
24) 1,1-Dichloroethane	3.611	63	48032	18.611	ug/l	97
25) 2-Butanone	4.550	43	92458	88.960	ug/l	91
26) 2,2-Dichloropropane	4.477	77	34231	18.449	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	32313	19.255	ug/l	95
28) Bromochloromethane	4.897	49	20779	17.825	ug/l	88
29) Tetrahydrofuran	5.001	42	60207	91.760	ug/l	96
30) Chloroform	5.092	83	49600	18.720	ug/l	100
31) Cyclohexane	5.464	56	44860	19.062	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	42551	18.790	ug/l	99
36) 1,1-Dichloropropene	5.696	75	37951	19.545	ug/l	99
37) Ethyl Acetate	4.708	43	36237	17.223	ug/l	99
38) Carbon Tetrachloride	5.678	117	39313	19.543	ug/l	98
39) Methylcyclohexane	7.378	83	46750	19.438	ug/l	96
40) Benzene	6.037	78	111057	19.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20149	19.163	ug/l	96
42) 1,2-Dichloroethane	6.086	62	37752	18.984	ug/l	98
43) Isopropyl Acetate	6.336	43	55644	18.362	ug/l	98
44) Trichloroethene	7.122	130	33393	20.864	ug/l	94
45) 1,2-Dichloropropane	7.427	63	27391	19.418	ug/l	100
46) Dibromomethane	7.580	93	20011	20.205	ug/l	96
47) Bromodichloromethane	7.817	83	37308	19.631	ug/l	98
48) Methyl methacrylate	7.689	41	28974	19.023	ug/l	96
49) 1,4-Dioxane	7.671	88	10697	326.209	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	178923	96.572	ug/l	99
52) Toluene	8.720	92	73134	20.077	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36744	19.351	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41649	19.530	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	29294	20.232	ug/l	97
56) Ethyl methacrylate	9.116	69	40464	19.953	ug/l	96
57) 1,3-Dichloropropane	9.305	76	47421	20.328	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91329	92.150	ug/l	97
59) 2-Hexanone	9.427	43	133402	103.522	ug/l	98
60) Dibromochloromethane	9.518	129	31420	20.885	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31230	21.690	ug/l	100
64) Tetrachloroethene	9.274	164	31871	21.545	ug/l	98
65) Chlorobenzene	10.079	112	79963	20.244	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	30130	20.641	ug/l	99
67) Ethyl Benzene	10.195	91	136571	20.252	ug/l	100
68) m/p-Xylenes	10.299	106	108922	41.178	ug/l	100
69) o-Xylene	10.640	106	52677	20.162	ug/l	99
70) Styrene	10.652	104	87678	20.649	ug/l	99
71) Bromoform	10.799	173	24612	20.194	ug/l #	99
73) Isopropylbenzene	10.963	105	139262	19.443	ug/l	100
74) N-amyl acetate	10.841	43	45545	17.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41082	19.131	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37306m	20.714	ug/l	
77) Bromobenzene	11.195	156	38405	19.777	ug/l	95
78) n-propylbenzene	11.305	91	152747	19.148	ug/l	100
79) 2-Chlorotoluene	11.366	91	92177	18.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	116183	19.639	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10352	17.837	ug/l	98
82) 4-Chlorotoluene	11.451	91	104406	18.946	ug/l	99
83) tert-Butylbenzene	11.713	119	117667	20.143	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	115855	20.784	ug/l	100
85) sec-Butylbenzene	11.890	105	139946	20.022	ug/l	98
86) p-Isopropyltoluene	12.006	119	124435	20.762	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68377	20.566	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68310	20.197	ug/l	98
89) n-Butylbenzene	12.329	91	97089	19.912	ug/l	98
90) Hexachloroethane	12.536	117	18716	19.153	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	67393	20.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7813	19.499	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	46871	21.565	ug/l	99
94) Hexachlorobutadiene	13.725	225	22005	20.706	ug/l	98
95) Naphthalene	13.774	128	131430	21.077	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46917	21.537	ug/l	98

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

