

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035927.D
 Acq On : 31 May 2023 11:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 12:07:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:49:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	200272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	333079	93.589	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 187.180%#			
35) Dibromofluoromethane	5.385	113	246353	98.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.440%#			
50) Toluene-d8	8.647	98	865411	94.016	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 188.040%#			
62) 4-Bromofluorobenzene	11.079	95	346803	95.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 191.260%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	228846	85.924	ug/l	99
3) Chloromethane	1.294	50	247263	90.040	ug/l	99
4) Vinyl Chloride	1.374	62	244497	92.687	ug/l	99
5) Bromomethane	1.618	94	159662	101.000	ug/l	100
6) Chloroethane	1.691	64	137369	93.200	ug/l	99
7) Trichlorofluoromethane	1.886	101	330836	83.575	ug/l	99
8) Diethyl Ether	2.130	74	143505	98.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	207933	88.621	ug/l	96
10) Methyl Iodide	2.453	142	272657	114.554	ug/l	96
11) Tert butyl alcohol	3.014	59	288874m	466.104	ug/l	
12) 1,1-Dichloroethene	2.319	96	208080	94.617	ug/l	91
13) Acrolein	2.239	56	274565	446.742	ug/l	98
14) Allyl chloride	2.666	41	417937	96.196	ug/l	94
15) Acrylonitrile	3.069	53	683874	482.398	ug/l	98
16) Acetone	2.398	43	599355	417.142	ug/l	95
17) Carbon Disulfide	2.514	76	532010	104.442	ug/l	100
18) Methyl Acetate	2.703	43	517434	93.268	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	802439	94.637	ug/l	100
20) Methylene Chloride	2.788	84	251021	75.828	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	231947	95.674	ug/l	94
22) Diisopropyl ether	3.757	45	800243	91.726	ug/l	95
23) Vinyl Acetate	3.721	43	2925927	481.444	ug/l	96
24) 1,1-Dichloroethane	3.611	63	448453	93.144	ug/l	99
25) 2-Butanone	4.568	43	958801	461.336	ug/l	97
26) 2,2-Dichloropropane	4.477	77	362341	97.594	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	280038	99.302	ug/l	95
28) Bromochloromethane	4.897	49	220862	94.666	ug/l	90
29) Tetrahydrofuran	5.013	42	623924	464.018	ug/l	98
30) Chloroform	5.093	83	460924	93.319	ug/l	98
31) Cyclohexane	5.471	56	364229	86.165	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	426068	99.831	ug/l	99
36) 1,1-Dichloropropene	5.690	75	342761	89.998	ug/l	99
37) Ethyl Acetate	4.715	43	367646	89.174	ug/l	98
38) Carbon Tetrachloride	5.678	117	350802	97.727	ug/l	97
39) Methylcyclohexane	7.379	83	361285	83.138	ug/l	99
40) Benzene	6.038	78	994127	93.194	ug/l	100

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41) Methacrylonitrile	4.922	41	210747	89.797	ug/l	96
42) 1,2-Dichloroethane	6.086	62	415851	92.293	ug/l	99
43) Isopropyl Acetate	6.342	43	657468	99.516	ug/l	99
44) Trichloroethene	7.123	130	256444	96.506	ug/l	97
45) 1,2-Dichloropropane	7.428	63	265233	94.286	ug/l	99
46) Dibromomethane	7.580	93	187056	96.841	ug/l	98
47) Bromodichloromethane	7.824	83	376436	104.558	ug/l	100
48) Methyl methacrylate	7.690	41	328719	96.929	ug/l	97
49) 1,4-Dioxane	7.732	88	134750	1861.894	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	1927078	468.573	ug/l	98
52) Toluene	8.720	92	627347	93.639	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	417838	112.385	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	443230	109.220	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	259644	97.758	ug/l	99
56) Ethyl methacrylate	9.116	69	425269	101.693	ug/l	97
57) 1,3-Dichloropropane	9.305	76	448318	93.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1059790	478.977	ug/l	98
59) 2-Hexanone	9.433	43	1370450	440.872	ug/l	96
60) Dibromochloromethane	9.519	129	271145	111.573	ug/l	98
61) 1,2-Dibromoethane	9.610	107	272062	97.273	ug/l	99
64) Tetrachloroethene	9.275	164	205134	91.903	ug/l	96
65) Chlorobenzene	10.079	112	670183	95.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	252195	104.710	ug/l	99
67) Ethyl Benzene	10.195	91	1187409	91.165	ug/l	97
68) m/p-Xylenes	10.299	106	911118	189.071	ug/l	94
69) o-Xylene	10.640	106	454488	94.935	ug/l	95
70) Styrene	10.653	104	766716	97.492	ug/l	98
71) Bromoform	10.799	173	189346	121.593	ug/l #	99
73) Isopropylbenzene	10.963	105	1154157	88.584	ug/l	98
74) N-amyl acetate	10.842	43	529968	93.524	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	383001	89.936	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	369704m	92.219	ug/l	
77) Bromobenzene	11.195	156	285746	97.231	ug/l	94
78) n-propylbenzene	11.305	91	1329228	87.533	ug/l	97
79) 2-Chlorotoluene	11.366	91	837273	86.973	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	990803	89.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	124536	113.992	ug/l	87
82) 4-Chlorotoluene	11.457	91	966033	88.183	ug/l	96
83) tert-Butylbenzene	11.713	119	954686	89.590	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1011248	90.967	ug/l	98
85) sec-Butylbenzene	11.890	105	1152600	86.551	ug/l	98
86) p-Isopropyltoluene	12.006	119	997351	89.567	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	536422	95.632	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	545983	94.490	ug/l	98
89) n-Butylbenzene	12.329	91	861594	88.029	ug/l	98
90) Hexachloroethane	12.536	117	170158	105.627	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	521434	94.116	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	90545	101.602	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	317688	97.522	ug/l	99
94) Hexachlorobutadiene	13.725	225	115298	88.271	ug/l	99
95) Naphthalene	13.774	128	1128601	99.720	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	313408	96.543	ug/l	99

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

