

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034414.D
 Acq On : 10 Mar 2023 13:23
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 13 10:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:15:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	328483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	559605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	472422	98.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.720%#			
35) Dibromofluoromethane	5.385	113	357944	96.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.760%#			
50) Toluene-d8	8.647	98	1300552	94.292	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 188.580%#			
62) 4-Bromofluorobenzene	11.079	95	544747	97.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.560%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	291177	95.084	ug/l	99
3) Chloromethane	1.307	50	441822	96.531	ug/l	99
4) Vinyl Chloride	1.374	62	372239	89.272	ug/l	100
5) Bromomethane	1.599	94	173937	82.563	ug/l	99
6) Chloroethane	1.672	64	199915	82.687	ug/l	98
7) Trichlorofluoromethane	1.880	101	568244	90.696	ug/l	100
8) Diethyl Ether	2.130	74	206837	90.434	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	344914	94.462	ug/l	100
10) Methyl Iodide	2.447	142	482873	100.728	ug/l	98
11) Tert butyl alcohol	2.965	59	471876	474.180	ug/l	100
12) 1,1-Dichloroethene	2.313	96	338837	94.226	ug/l	97
13) Acrolein	2.233	56	365463	464.226	ug/l	100
14) Allyl chloride	2.660	41	695786	95.438	ug/l	98
15) Acrylonitrile	3.062	53	1037551	482.652	ug/l	99
16) Acetone	2.380	43	1057477	469.773	ug/l	100
17) Carbon Disulfide	2.508	76	946148	93.494	ug/l	100
18) Methyl Acetate	2.703	43	710546	96.604	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1250776	97.144	ug/l	99
20) Methylene Chloride	2.788	84	394560	90.313	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	367326	96.184	ug/l	96
22) Diisopropyl ether	3.757	45	1287639	92.636	ug/l	95
23) Vinyl Acetate	3.721	43	5017092	474.260	ug/l	100
24) 1,1-Dichloroethane	3.605	63	721779	96.598	ug/l	99
25) 2-Butanone	4.550	43	1561378	484.761	ug/l	98
26) 2,2-Dichloropropane	4.477	77	651716	100.342	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	435582	94.747	ug/l	98
28) Bromochloromethane	4.897	49	330585	95.154	ug/l	99
29) Tetrahydrofuran	5.001	42	944860	475.402	ug/l	100
30) Chloroform	5.093	83	721065	98.448	ug/l	99
31) Cyclohexane	5.464	56	632698	94.405	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	649063	100.103	ug/l	99
36) 1,1-Dichloropropene	5.690	75	535692	94.396	ug/l	99
37) Ethyl Acetate	4.708	43	587951	94.835	ug/l	99
38) Carbon Tetrachloride	5.672	117	558676	98.959	ug/l	99
39) Methylcyclohexane	7.379	83	647865	95.396	ug/l	96
40) Benzene	6.038	78	1537323	92.602	ug/l	99

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41) Methacrylonitrile	4.916	41	321979	94.765	ug/l	99
42) 1,2-Dichloroethane	6.086	62	605546	99.249	ug/l	99
43) Isopropyl Acetate	6.336	43	1021559	97.266	ug/l	99
44) Trichloroethene	7.123	130	400028	92.740	ug/l	97
45) 1,2-Dichloropropane	7.428	63	408949	94.343	ug/l	99
46) Dibromomethane	7.580	93	283407	96.170	ug/l	100
47) Bromodichloromethane	7.818	83	573739	100.594	ug/l	99
48) Methyl methacrylate	7.690	41	497295	98.450	ug/l	99
49) 1,4-Dioxane	7.659	88	207034	1951.392	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	2820196	462.879	ug/l	99
52) Toluene	8.720	92	964948	93.885	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	661529	102.954	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	693450	99.752	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	389279	95.435	ug/l	99
56) Ethyl methacrylate	9.116	69	656103	97.966	ug/l	99
57) 1,3-Dichloropropane	9.305	76	685421	94.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1611231	466.824	ug/l	98
59) 2-Hexanone	9.427	43	2246124	476.907	ug/l	99
60) Dibromochloromethane	9.519	129	440495	102.967	ug/l	99
61) 1,2-Dibromoethane	9.610	107	420942	95.633	ug/l	100
64) Tetrachloroethene	9.275	164	319174	93.688	ug/l	99
65) Chlorobenzene	10.079	112	1030360	92.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	396611	97.862	ug/l	99
67) Ethyl Benzene	10.195	91	1863176	93.529	ug/l	100
68) m/p-Xylenes	10.299	106	1434844	187.502	ug/l	99
69) o-Xylene	10.640	106	714266	93.009	ug/l	99
70) Styrene	10.653	104	1200579	96.898	ug/l	100
71) Bromoform	10.799	173	330868	106.059	ug/l	99
73) Isopropylbenzene	10.963	105	1854062	90.226	ug/l	99
74) N-amyl acetate	10.842	43	945548	96.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	625704	91.248	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	607171m	97.151	ug/l	
77) Bromobenzene	11.195	156	448322	90.934	ug/l	99
78) n-propylbenzene	11.305	91	2213624	93.276	ug/l	99
79) 2-Chlorotoluene	11.366	91	1351341	92.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1617179	93.826	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	228509	101.261	ug/l	99
82) 4-Chlorotoluene	11.451	91	1587477	94.031	ug/l	99
83) tert-Butylbenzene	11.713	119	1643289	94.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1646956	93.497	ug/l	100
85) sec-Butylbenzene	11.890	105	1983820	93.376	ug/l	100
86) p-Isopropyltoluene	12.012	119	1708958	95.710	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	887329	91.856	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	897895	91.925	ug/l	99
89) n-Butylbenzene	12.329	91	1558745	98.198	ug/l	100
90) Hexachloroethane	12.536	117	335635	101.586	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	856701	91.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	153300	98.399	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	549998	94.212	ug/l	99
94) Hexachlorobutadiene	13.725	225	218570	92.934	ug/l	99
95) Naphthalene	13.774	128	1845405	94.267	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	536582	94.029	ug/l	100

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

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