

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034821.D
 Acq On : 29 Mar 2023 11:09
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 01 01:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	317618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	537582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	480095	98.836	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.680%#			
35) Dibromofluoromethane	5.385	113	351563	98.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.740%#			
50) Toluene-d8	8.647	98	1283612	97.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.600%#			
62) 4-Bromofluorobenzene	11.079	95	519223	102.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 204.460%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	291010	93.649	ug/l	100
3) Chloromethane	1.294	50	360589	90.868	ug/l	99
4) Vinyl Chloride	1.374	62	363916	93.138	ug/l	98
5) Bromomethane	1.617	94	234951	92.066	ug/l	98
6) Chloroethane	1.691	64	238355	91.823	ug/l	98
7) Trichlorofluoromethane	1.886	101	576569	91.391	ug/l	99
8) Diethyl Ether	2.130	74	207502	92.392	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	307173	92.246	ug/l	98
10) Methyl Iodide	2.453	142	430034	104.646	ug/l	95
11) Tert butyl alcohol	2.989	59	404191m	476.313	ug/l	
12) 1,1-Dichloroethene	2.319	96	306484	95.674	ug/l	91
13) Acrolein	2.239	56	418402	476.905	ug/l	99
14) Allyl chloride	2.666	41	625883	98.688	ug/l	94
15) Acrylonitrile	3.062	53	901155	475.387	ug/l	98
16) Acetone	2.386	43	895263	455.437	ug/l	95
17) Carbon Disulfide	2.514	76	832197	100.916	ug/l	100
18) Methyl Acetate	2.703	43	660995	95.203	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1172872	97.613	ug/l	98
20) Methylene Chloride	2.788	84	360409	91.616	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	342054	95.058	ug/l	97
22) Diisopropyl ether	3.757	45	1226941	96.094	ug/l	96
23) Vinyl Acetate	3.721	43	4593189	504.396	ug/l	99
24) 1,1-Dichloroethane	3.611	63	666979	96.727	ug/l	99
25) 2-Butanone	4.556	43	1359735	476.668	ug/l	99
26) 2,2-Dichloropropane	4.477	77	585415	103.872	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	404128	97.356	ug/l	97
28) Bromochloromethane	4.897	49	330270	97.301	ug/l	99
29) Tetrahydrofuran	5.007	42	847564	474.844	ug/l	100
30) Chloroform	5.092	83	681376	98.102	ug/l	100
31) Cyclohexane	5.470	56	564213	95.390	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	605383	102.176	ug/l	99
36) 1,1-Dichloropropene	5.690	75	506839	96.532	ug/l	99
37) Ethyl Acetate	4.708	43	537233	97.377	ug/l	100
38) Carbon Tetrachloride	5.678	117	516345	103.537	ug/l	98
39) Methylcyclohexane	7.379	83	523509	93.802	ug/l	95
40) Benzene	6.037	78	1427660	94.388	ug/l	99

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41) Methacrylonitrile	4.916	41	298407	97.911	ug/l	98
42) 1,2-Dichloroethane	6.086	62	591793	100.117	ug/l	98
43) Isopropyl Acetate	6.336	43	928469	100.645	ug/l	100
44) Trichloroethene	7.123	130	372227	96.521	ug/l	95
45) 1,2-Dichloropropane	7.427	63	375985	96.794	ug/l	99
46) Dibromomethane	7.580	93	263687	99.028	ug/l	98
47) Bromodichloromethane	7.818	83	524225	106.046	ug/l	99
48) Methyl methacrylate	7.690	41	456047	102.193	ug/l	97
49) 1,4-Dioxane	7.708	88	172963	1901.252	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	2587066	477.291	ug/l	100
52) Toluene	8.720	92	901829	92.831	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	606992	112.672	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	630077	106.452	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	360531	97.841	ug/l	99
56) Ethyl methacrylate	9.116	69	600998	104.217	ug/l	97
57) 1,3-Dichloropropane	9.305	76	636392	96.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1483401	500.466	ug/l	99
59) 2-Hexanone	9.433	43	1986204	483.416	ug/l	99
60) Dibromochloromethane	9.519	129	393644	110.772	ug/l	100
61) 1,2-Dibromoethane	9.610	107	388238	101.280	ug/l	99
64) Tetrachloroethene	9.275	164	307873	87.915	ug/l	98
65) Chlorobenzene	10.079	112	953390	94.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	359700	101.603	ug/l	98
67) Ethyl Benzene	10.195	91	1735472	94.185	ug/l	100
68) m/p-Xylenes	10.299	106	1315673	188.680	ug/l	100
69) o-Xylene	10.640	106	660159	95.304	ug/l	100
70) Styrene	10.652	104	1115550	100.957	ug/l	99
71) Bromoform	10.799	173	277282	117.368	ug/l #	99
73) Isopropylbenzene	10.963	105	1660027	93.346	ug/l	100
74) N-amyl acetate	10.841	43	833445	102.077	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	548239	93.529	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	460113m	91.379	ug/l	
77) Bromobenzene	11.195	156	412754	94.915	ug/l	99
78) n-propylbenzene	11.305	91	1932638	94.128	ug/l	100
79) 2-Chlorotoluene	11.366	91	1226539	93.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1417066	94.545	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	184909	111.846	ug/l	96
82) 4-Chlorotoluene	11.457	91	1444387	95.423	ug/l	100
83) tert-Butylbenzene	11.713	119	1358989	97.757	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1435796	95.136	ug/l	99
85) sec-Butylbenzene	11.890	105	1619505	94.199	ug/l	100
86) p-Isopropyltoluene	12.006	119	1382502	96.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	779714	95.884	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	786815	93.600	ug/l	99
89) n-Butylbenzene	12.329	91	1233919	99.142	ug/l	99
90) Hexachloroethane	12.536	117	251069	113.738	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	748733	93.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	133085	110.440	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	445925	95.920	ug/l	98
94) Hexachlorobutadiene	13.725	225	177006	85.034	ug/l	98
95) Naphthalene	13.774	128	1583389	96.831	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	440807	94.828	ug/l	99

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

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