

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035604.D
 Acq On : 11 May 2023 12:33
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 11 13:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	369675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	382068	104.102	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 208.200%#			
35) Dibromofluoromethane	5.385	113	267448	107.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 214.560%#			
50) Toluene-d8	8.647	98	971831	105.519	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 211.040%#			
62) 4-Bromofluorobenzene	11.079	95	403094	108.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 217.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	286171	104.375	ug/l	100
3) Chloromethane	1.295	50	310830	93.419	ug/l	100
4) Vinyl Chloride	1.374	62	288186	102.059	ug/l	98
5) Bromomethane	1.618	94	157831	103.205	ug/l	99
6) Chloroethane	1.691	64	163663	95.541	ug/l	97
7) Trichlorofluoromethane	1.886	101	422178	101.683	ug/l	98
8) Diethyl Ether	2.130	74	158821	99.350	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	248468	100.795	ug/l	96
10) Methyl Iodide	2.453	142	252513	114.534	ug/l	90
11) Tert butyl alcohol	3.002	59	325043m	503.298	ug/l	
12) 1,1-Dichloroethene	2.319	96	239356	102.166	ug/l	89
13) Acrolein	2.239	56	379158	498.664	ug/l	100
14) Allyl chloride	2.660	41	508716	101.355	ug/l	95
15) Acrylonitrile	3.069	53	709698	497.744	ug/l	98
16) Acetone	2.392	43	738363	468.086	ug/l	94
17) Carbon Disulfide	2.514	76	620409	109.725	ug/l	99
18) Methyl Acetate	2.703	43	593343	101.993	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	927128	99.446	ug/l	99
20) Methylene Chloride	2.788	84	277102	96.929	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	261607	101.904	ug/l	95
22) Diisopropyl ether	3.757	45	966639	98.364	ug/l	95
23) Vinyl Acetate	3.721	43	3514270	505.404	ug/l	99
24) 1,1-Dichloroethane	3.611	63	532589	101.334	ug/l	99
25) 2-Butanone	4.562	43	1077624	493.498	ug/l	99
26) 2,2-Dichloropropane	4.477	77	462604	103.939	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	309571	100.312	ug/l	94
28) Bromochloromethane	4.898	49	242466	102.565	ug/l	96
29) Tetrahydrofuran	5.007	42	682122	496.968	ug/l	98
30) Chloroform	5.093	83	541527	100.550	ug/l	98
31) Cyclohexane	5.471	56	467661	100.856	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	487902	104.121	ug/l	99
36) 1,1-Dichloropropene	5.690	75	405009	102.919	ug/l	98
37) Ethyl Acetate	4.715	43	412712	100.550	ug/l	99
38) Carbon Tetrachloride	5.678	117	401513	107.708	ug/l	97
39) Methylcyclohexane	7.379	83	481993	104.051	ug/l	92
40) Benzene	6.038	78	1118311	101.583	ug/l	99

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41) Methacrylonitrile	4.922	41	247660	101.623	ug/l	96
42) 1,2-Dichloroethane	6.086	62	475578	100.425	ug/l	97
43) Isopropyl Acetate	6.336	43	731077	102.143	ug/l	100
44) Trichloroethene	7.123	130	286003	102.458	ug/l	94
45) 1,2-Dichloropropane	7.428	63	301411	103.377	ug/l	99
46) Dibromomethane	7.580	93	205568	103.001	ug/l	96
47) Bromodichloromethane	7.824	83	416156	107.881	ug/l	99
48) Methyl methacrylate	7.690	41	367047	103.912	ug/l	97
49) 1,4-Dioxane	7.726	88	135920	2125.888	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	2063528	500.438	ug/l	99
52) Toluene	8.720	92	701074	100.885	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	474403	113.195	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	497600	110.816	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	279087	102.252	ug/l	99
56) Ethyl methacrylate	9.116	69	465664	105.352	ug/l	97
57) 1,3-Dichloropropane	9.305	76	498660	100.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1146066	509.690	ug/l	100
59) 2-Hexanone	9.433	43	1549171	498.871	ug/l	99
60) Dibromochloromethane	9.519	129	295218	113.470	ug/l	100
61) 1,2-Dibromoethane	9.610	107	296624	103.149	ug/l	100
64) Tetrachloroethene	9.275	164	222783	98.896	ug/l	93
65) Chlorobenzene	10.080	112	734442	100.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	273019	105.712	ug/l	99
67) Ethyl Benzene	10.195	91	1381267	100.551	ug/l	98
68) m/p-Xylenes	10.299	106	1020505	200.979	ug/l	96
69) o-Xylene	10.640	106	505619	100.349	ug/l	95
70) Styrene	10.653	104	850218	104.699	ug/l	98
71) Bromoform	10.799	173	194501	114.460	ug/l #	99
73) Isopropylbenzene	10.964	105	1343248	100.481	ug/l	99
74) N-amyl acetate	10.842	43	626032	100.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	421435	97.182	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	356630m	93.843	ug/l	
77) Bromobenzene	11.195	156	302621	99.736	ug/l	93
78) n-propylbenzene	11.305	91	1598461	101.720	ug/l	99
79) 2-Chlorotoluene	11.366	91	974794	99.079	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1149260	101.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	137749	114.405	ug/l	94
82) 4-Chlorotoluene	11.451	91	1134517	100.128	ug/l	98
83) tert-Butylbenzene	11.713	119	1115053	100.962	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1159082	101.599	ug/l	97
85) sec-Butylbenzene	11.890	105	1416606	102.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	1197078	105.005	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	589506	102.274	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	587437	100.927	ug/l	99
89) n-Butylbenzene	12.329	91	1108633	106.902	ug/l	99
90) Hexachloroethane	12.536	117	196944	113.978	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	560183	99.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	101651	105.266	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	353362	103.972	ug/l	97
94) Hexachlorobutadiene	13.725	225	136420	101.128	ug/l	100
95) Naphthalene	13.774	128	1181587	101.521	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	339090	101.447	ug/l	99

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

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