

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033614.D
 Acq On : 04 Jan 2023 12:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 05 04:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214542	100.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.520%#			
35) Dibromofluoromethane	5.385	113	184734	102.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.340%#			
50) Toluene-d8	8.652	98	671181	103.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 207.700%#			
62) 4-Bromofluorobenzene	11.079	95	251368	109.728	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 219.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	169656	112.174	ug/l	98
3) Chloromethane	1.294	50	184347	95.814	ug/l	100
4) Vinyl Chloride	1.373	62	146688	85.955	ug/l	97
5) Bromomethane	1.617	94	98925	103.665	ug/l	99
6) Chloroethane	1.690	64	96930	98.571	ug/l	99
7) Trichlorofluoromethane	1.885	101	262711	108.815	ug/l	99
8) Diethyl Ether	2.135	74	79614	104.850	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	124670	97.647	ug/l	100
10) Methyl Iodide	2.452	142	265735	120.638	ug/l	99
11) Tert butyl alcohol	3.001	59	184948m	527.147	ug/l	
12) 1,1-Dichloroethene	2.318	96	116966	98.347	ug/l	95
13) Acrolein	2.239	56	111492	481.214	ug/l	99
14) Allyl chloride	2.666	41	321672	108.772	ug/l	98
15) Acrylonitrile	3.068	53	506608	532.801	ug/l	99
16) Acetone	2.391	43	376924	456.795	ug/l	98
17) Carbon Disulfide	2.513	76	444964	113.886	ug/l	99
18) Methyl Acetate	2.708	43	313446	105.679	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	600164	107.832	ug/l	99
20) Methylene Chloride	2.788	84	189694	88.688	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	185544	106.082	ug/l	98
22) Diisopropyl ether	3.763	45	631594	105.997	ug/l	90
23) Vinyl Acetate	3.720	43	2508349	548.208	ug/l	99
24) 1,1-Dichloroethane	3.611	63	338688	105.055	ug/l	99
25) 2-Butanone	4.562	43	731788	524.071	ug/l	98
26) 2,2-Dichloropropane	4.476	77	257317	115.451	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	216992	106.965	ug/l	99
28) Bromochloromethane	4.897	49	132041	100.825	ug/l	98
29) Tetrahydrofuran	5.007	42	470144	530.529	ug/l	99
30) Chloroform	5.092	83	344437	104.580	ug/l	98
31) Cyclohexane	5.470	56	314796	105.676	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	307670	108.038	ug/l	98
36) 1,1-Dichloropropene	5.696	75	263207	107.462	ug/l	99
37) Ethyl Acetate	4.714	43	287625	95.266	ug/l	99
38) Carbon Tetrachloride	5.677	117	278896	107.597	ug/l	99
39) Methylcyclohexane	7.384	83	328871	107.538	ug/l	99
40) Benzene	6.037	78	749728	104.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	164272	110.387	ug/l	99
42) 1,2-Dichloroethane	6.086	62	274471	102.857	ug/l	100
43) Isopropyl Acetate	6.342	43	470808	112.427	ug/l	99
44) Trichloroethene	7.128	130	215744	105.612	ug/l	99
45) 1,2-Dichloropropane	7.433	63	194697	105.578	ug/l	99
46) Dibromomethane	7.580	93	137529	106.523	ug/l	98
47) Bromodichloromethane	7.823	83	272156	108.808	ug/l	99
48) Methyl methacrylate	7.695	41	236727	111.677	ug/l	99
49) 1,4-Dioxane	7.720	88	92518	2051.983	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1393158	525.624	ug/l	99
52) Toluene	8.720	92	493365	104.826	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	300576	120.386	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	322798	116.590	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	198953	107.921	ug/l	99
56) Ethyl methacrylate	9.116	69	316666	115.061	ug/l	98
57) 1,3-Dichloropropane	9.311	76	336212	106.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	679786	485.577	ug/l	99
59) 2-Hexanone	9.433	43	1044438	533.432	ug/l	99
60) Dibromochloromethane	9.524	129	229957	114.040	ug/l	100
61) 1,2-Dibromoethane	9.610	107	213604	109.546	ug/l	99
64) Tetrachloroethene	9.274	164	192491	104.663	ug/l	99
65) Chlorobenzene	10.079	112	541272	105.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	211216	110.487	ug/l	99
67) Ethyl Benzene	10.195	91	950015	106.422	ug/l	99
68) m/p-Xylenes	10.305	106	751185	215.622	ug/l	98
69) o-Xylene	10.640	106	368422	106.663	ug/l	100
70) Styrene	10.658	104	619834	109.233	ug/l	99
71) Bromoform	10.798	173	180579	117.984	ug/l #	99
73) Isopropylbenzene	10.963	105	955181	104.295	ug/l	100
74) N-amyl acetate	10.841	43	400376	107.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	289154	101.297	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	261535m	110.082	ug/l	
77) Bromobenzene	11.201	156	252536	104.166	ug/l	98
78) n-propylbenzene	11.304	91	1084232	104.425	ug/l	99
79) 2-Chlorotoluene	11.365	91	639446	102.544	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	784134	103.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	93125	118.968	ug/l	94
82) 4-Chlorotoluene	11.457	91	736442	102.143	ug/l	99
83) tert-Butylbenzene	11.713	119	822827	104.595	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	782152	103.377	ug/l	100
85) sec-Butylbenzene	11.890	105	997262	107.299	ug/l	100
86) p-Isopropyltoluene	12.012	119	865090	108.924	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	461998	105.879	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	463678	108.628	ug/l	100
89) n-Butylbenzene	12.335	91	745539	112.252	ug/l	99
90) Hexachloroethane	12.536	117	148873	116.187	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	442714	106.184	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	63278	119.217	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	318350	126.887	ug/l	99
94) Hexachlorobutadiene	13.725	225	150833	118.414	ug/l	99
95) Naphthalene	13.774	128	941077	120.888	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	312861	122.904	ug/l	98

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

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