

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081455.D
 Acq On : 18 Mar 2024 17:15
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 19 05:44:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	733939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	645685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	49587	9.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.340%#		
35) Dibromofluoromethane	8.171	113	40421	8.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	17.460%#		
50) Toluene-d8	10.565	98	142620	8.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.040%#		
62) 4-Bromofluorobenzene	12.853	95	47904	8.120	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	16.240%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	53905	9.437	ug/l	99
3) Chloromethane	2.359	50	56056	9.857	ug/l	97
4) Vinyl Chloride	2.518	62	62535	9.798	ug/l	90
5) Bromomethane	2.965	94	44535	9.867	ug/l	92
6) Chloroethane	3.130	64	42441	9.685	ug/l	94
7) Trichlorofluoromethane	3.500	101	92294	9.703	ug/l	91
8) Diethyl Ether	3.959	74	31920	10.140	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	52146	9.648	ug/l #	87
10) Methyl Iodide	4.589	142	47551	8.835	ug/l #	95
11) Tert butyl alcohol	5.518	59	48628	51.581	ug/l	97
12) 1,1-Dichloroethene	4.342	96	47736	9.535	ug/l	81
13) Acrolein	4.189	56	44873	53.044	ug/l	98
14) Allyl chloride	5.030	41	62387	9.945	ug/l #	82
15) Acrylonitrile	5.718	53	126151	50.018	ug/l	96
16) Acetone	4.430	43	91976	52.608	ug/l	99
17) Carbon Disulfide	4.718	76	141363	9.840	ug/l #	95
18) Methyl Acetate	5.024	43	57094	10.593	ug/l #	85
19) Methyl tert-butyl Ether	5.806	73	154501	9.861	ug/l #	87
20) Methylene Chloride	5.277	84	55400	9.674	ug/l #	80
21) trans-1,2-Dichloroethene	5.788	96	51579	9.240	ug/l	85
22) Diisopropyl ether	6.671	45	147242	10.102	ug/l #	83
23) Vinyl Acetate	6.606	43	578064	49.823	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	96408	9.875	ug/l #	92
25) 2-Butanone	7.488	43	153160	51.075	ug/l	99
26) 2,2-Dichloropropane	7.488	77	81376	9.610	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	58580	9.275	ug/l	87
28) Bromochloromethane	7.812	49	37532	9.439	ug/l #	58
29) Tetrahydrofuran	7.841	42	101896	50.440	ug/l #	78
30) Chloroform	7.971	83	102345	9.793	ug/l	98
31) Cyclohexane	8.259	56	88062	10.003	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	93070	9.815	ug/l #	87
36) 1,1-Dichloropropene	8.371	75	75994	9.749	ug/l	96
37) Ethyl Acetate	7.559	43	62914	9.426	ug/l #	95
38) Carbon Tetrachloride	8.365	117	80386	9.414	ug/l	89
39) Methylcyclohexane	9.600	83	81891	9.407	ug/l #	92
40) Benzene	8.606	78	219110	9.615	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37135	10.520	ug/l	91
42) 1,2-Dichloroethane	8.671	62	77948	9.719	ug/l	99
43) Isopropyl Acetate	8.688	43	106576	9.633	ug/l #	90
44) Trichloroethene	9.353	130	58877	9.186	ug/l	91
45) 1,2-Dichloropropane	9.624	63	54853	9.932	ug/l	97
46) Dibromomethane	9.712	93	40457	9.646	ug/l #	88
47) Bromodichloromethane	9.888	83	80546	9.822	ug/l #	92
48) Methyl methacrylate	9.676	41	51495	10.091	ug/l	88
49) 1,4-Dioxane	9.700	88	24808	202.285	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	333267	49.363	ug/l	93
52) Toluene	10.635	92	137634	9.502	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	82146	9.277	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	92697	9.764	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	57428	9.852	ug/l	90
56) Ethyl methacrylate	10.876	69	72606	9.582	ug/l	87
57) 1,3-Dichloropropane	11.165	76	91390	9.564	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	196212	53.495	ug/l #	88
59) 2-Hexanone	11.200	43	248643	49.813	ug/l	94
60) Dibromochloromethane	11.359	129	61761	9.634	ug/l	97
61) 1,2-Dibromoethane	11.470	107	55811	9.391	ug/l	94
64) Tetrachloroethene	11.106	164	58865	9.538	ug/l	87
65) Chlorobenzene	11.894	112	148638	9.738	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	55292	9.774	ug/l	97
67) Ethyl Benzene	11.965	91	256194	9.662	ug/l	94
68) m/p-Xylenes	12.076	106	195053	19.623	ug/l	94
69) o-Xylene	12.400	106	93184	9.549	ug/l	95
70) Styrene	12.412	104	151539	9.629	ug/l	95
71) Bromoform	12.582	173	41148	9.679	ug/l #	96
73) Isopropylbenzene	12.700	105	239864	9.790	ug/l	96
74) N-amyl acetate	12.494	43	86483	9.753	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	70925	9.845	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	68399m	9.971	ug/l	
77) Bromobenzene	12.982	156	58632	9.687	ug/l	73
78) n-propylbenzene	13.035	91	278343	9.619	ug/l	94
79) 2-Chlorotoluene	13.129	91	171682	9.913	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	202896	10.026	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	23355	9.179	ug/l #	82
82) 4-Chlorotoluene	13.223	91	166678	9.762	ug/l	94
83) tert-Butylbenzene	13.441	119	166239	9.526	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	202670	9.964	ug/l	95
85) sec-Butylbenzene	13.617	105	244580	9.804	ug/l	93
86) p-Isopropyltoluene	13.729	119	200275	9.821	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	110086	9.899	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	111629	9.694	ug/l	97
89) n-Butylbenzene	14.059	91	171948	9.509	ug/l	96
90) Hexachloroethane	14.335	117	36094	9.346	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	107465	10.040	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15233	9.936	ug/l	69
93) 1,2,4-Trichlorobenzene	15.394	180	57476	9.287	ug/l	99
94) Hexachlorobutadiene	15.500	225	25549	9.409	ug/l	98
95) Naphthalene	15.647	128	189371	9.443	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59497	9.558	ug/l	98

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

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