

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074371.D
 Acq On : 09 Sep 2022 11:36
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 10 05:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	307449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	570671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	511135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	223579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	52165	9.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.620%#		
35) Dibromofluoromethane	7.951	113	38506	9.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.980%#		
50) Toluene-d8	10.380	98	139597	9.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.600%#		
62) 4-Bromofluorobenzene	12.674	95	49651	9.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42675	10.711	ug/l	93
3) Chloromethane	2.269	50	56015	9.962	ug/l	92
4) Vinyl Chloride	2.404	62	70174	10.542	ug/l #	87
5) Bromomethane	2.781	94	53781	11.577	ug/l	96
6) Chloroethane	2.951	64	51290	10.408	ug/l #	83
7) Trichlorofluoromethane	3.310	101	68723	10.456	ug/l	97
8) Diethyl Ether	3.763	74	28357	10.225	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.146	101	40557	10.297	ug/l	97
10) Methyl Iodide	4.351	142	49390	10.848	ug/l	98
11) Tert butyl alcohol	5.293	59	75448	54.227	ug/l #	85
12) 1,1-Dichloroethene	4.110	96	39865	10.402	ug/l	96
13) Acrolein	3.981	56	47676	51.586	ug/l	97
14) Allyl chloride	4.757	41	88064	10.475	ug/l	98
15) Acrylonitrile	5.475	53	163808	51.461	ug/l	98
16) Acetone	4.216	43	149159	51.940	ug/l	98
17) Carbon Disulfide	4.451	76	108490	10.415	ug/l #	92
18) Methyl Acetate	4.775	43	87529	10.339	ug/l	96
19) Methyl tert-butyl Ether	5.522	73	159612	10.347	ug/l	98
20) Methylene Chloride	5.016	84	48347	9.751	ug/l	92
21) trans-1,2-Dichloroethene	5.504	96	44264	10.329	ug/l #	86
22) Diisopropyl ether	6.404	45	173290	10.238	ug/l	97
23) Vinyl Acetate	6.351	43	775877	51.997	ug/l	98
24) 1,1-Dichloroethane	6.304	63	93537	10.754	ug/l	99
25) 2-Butanone	7.257	43	259491	53.829	ug/l	100
26) 2,2-Dichloropropane	7.245	77	78280	9.949	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	53485	10.109	ug/l	98
28) Bromochloromethane	7.581	49	24724	7.991	ug/l	93
29) Tetrahydrofuran	7.610	42	166677	52.305	ug/l	98
30) Chloroform	7.745	83	89106	10.264	ug/l	95
31) Cyclohexane	8.022	56	93189	11.015	ug/l #	84
32) 1,1,1-Trichloroethane	7.939	97	77989	10.014	ug/l	97
36) 1,1-Dichloropropene	8.151	75	65809	10.369	ug/l	99
37) Ethyl Acetate	7.334	43	92805	10.071	ug/l	98
38) Carbon Tetrachloride	8.133	117	65127	9.939	ug/l	99
39) Methylcyclohexane	9.398	83	78228	9.725	ug/l	92
40) Benzene	8.392	78	199969	10.290	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	42226	9.243	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	74073	9.971	ug/l	97
43) Isopropyl Acetate	8.492	43	157081	10.432	ug/l	100
44) Trichloroethene	9.145	130	44386	10.188	ug/l	95
45) 1,2-Dichloropropane	9.422	63	52819	10.239	ug/l	93
46) Dibromomethane	9.516	93	35554	10.066	ug/l	98
47) Bromodichloromethane	9.698	83	70007	9.944	ug/l	98
48) Methyl methacrylate	9.498	41	64592	9.734	ug/l	97
49) 1,4-Dioxane	9.510	88	27771	198.593	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	503045	51.087	ug/l	99
52) Toluene	10.445	92	121310	10.094	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	77450	9.972	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	84328	10.185	ug/l	99
55) 1,1,2-Trichloroethane	10.845	97	48663	9.824	ug/l	95
56) Ethyl methacrylate	10.704	69	84309	10.016	ug/l	93
57) 1,3-Dichloropropane	10.986	76	88101	10.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	197100	50.339	ug/l	98
59) 2-Hexanone	11.027	43	384157	50.556	ug/l	98
60) Dibromochloromethane	11.180	129	50739	10.117	ug/l	98
61) 1,2-Dibromoethane	11.286	107	51093	10.025	ug/l	97
64) Tetrachloroethene	10.916	164	33009	9.526	ug/l	96
65) Chlorobenzene	11.710	112	126522	10.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	46344	9.626	ug/l	95
67) Ethyl Benzene	11.786	91	229113	9.842	ug/l	98
68) m/p-Xylenes	11.892	106	174512	19.941	ug/l	99
69) o-Xylene	12.221	106	88567	10.068	ug/l	100
70) Styrene	12.239	104	138969	9.937	ug/l	96
71) Bromoform	12.404	173	35108	9.736	ug/l #	96
73) Isopropylbenzene	12.521	105	229632	10.690	ug/l	97
74) N-amyl acetate	12.333	43	130064	10.400	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.774	83	82762	10.252	ug/l	96
76) 1,2,3-Trichloropropane	12.821	75	65158m	8.589	ug/l	
77) Bromobenzene	12.798	156	50204	10.887	ug/l	93
78) n-propylbenzene	12.863	91	250492	10.179	ug/l	100
79) 2-Chlorotoluene	12.945	91	153305	10.218	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	185946	10.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27102	10.336	ug/l	97
82) 4-Chlorotoluene	13.045	91	142634	9.853	ug/l	97
83) tert-Butylbenzene	13.268	119	162603	10.134	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	182183	10.314	ug/l	97
85) sec-Butylbenzene	13.445	105	223160	10.221	ug/l	98
86) p-Isopropyltoluene	13.557	119	176335	10.090	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	85632	10.044	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	86375	10.029	ug/l	98
89) n-Butylbenzene	13.886	91	142554	9.585	ug/l	99
90) Hexachloroethane	14.151	117	36984	10.017	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	91164	10.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20915	9.518	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	42274	9.461	ug/l	97
94) Hexachlorobutadiene	15.304	225	20046	9.899	ug/l	98
95) Naphthalene	15.439	128	172284	9.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	45520	9.845	ug/l	94

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

