

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074370.D
 Acq On : 09 Sep 2022 11:12
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 10 05:39:59 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	317016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	567082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	491475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	212790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	28910	5.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.540%#		
35) Dibromofluoromethane	7.945	113	18228	4.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.520%#		
50) Toluene-d8	10.380	98	76659	5.139	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.280%#		
62) 4-Bromofluorobenzene	12.668	95	26333	4.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	20493	4.988	ug/l	91
3) Chloromethane	2.263	50	29234	5.042	ug/l #	88
4) Vinyl Chloride	2.410	62	34674	5.052	ug/l #	73
5) Bromomethane	2.775	94	26578	5.549	ug/l	93
6) Chloroethane	2.951	64	32165	6.330	ug/l #	69
7) Trichlorofluoromethane	3.304	101	34964	5.159	ug/l	90
8) Diethyl Ether	3.763	74	14210	4.969	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	20563	5.063	ug/l	97
10) Methyl Iodide	4.340	142	22377	4.766	ug/l	97
11) Tert butyl alcohol	5.281	59	37413	26.078	ug/l #	90
12) 1,1-Dichloroethene	4.110	96	20188	5.108	ug/l	89
13) Acrolein	3.969	56	26311	27.610	ug/l	93
14) Allyl chloride	4.751	41	42911	4.950	ug/l	99
15) Acrylonitrile	5.469	53	77487	23.608	ug/l	97
16) Acetone	4.222	43	72557	24.503	ug/l	100
17) Carbon Disulfide	4.451	76	51848	4.827	ug/l	96
18) Methyl Acetate	4.769	43	45236	5.182	ug/l	95
19) Methyl tert-butyl Ether	5.522	73	77331	4.862	ug/l	98
20) Methylene Chloride	4.998	84	26803	5.242	ug/l #	79
21) trans-1,2-Dichloroethene	5.510	96	21192	4.796	ug/l	93
22) Diisopropyl ether	6.404	45	82642	4.735	ug/l	98
23) Vinyl Acetate	6.345	43	374110	24.315	ug/l	96
24) 1,1-Dichloroethane	6.310	63	44217	4.930	ug/l	99
25) 2-Butanone	7.257	43	116567	23.451	ug/l	95
26) 2,2-Dichloropropane	7.245	77	39868	4.914	ug/l	98
27) cis-1,2-Dichloroethene	7.234	96	26755	4.904	ug/l	98
28) Bromochloromethane	7.575	49	19725	6.183	ug/l	94
29) Tetrahydrofuran	7.604	42	79834	24.297	ug/l	99
30) Chloroform	7.739	83	41957	4.687	ug/l	85
31) Cyclohexane	8.016	56	49013	5.619	ug/l #	85
32) 1,1,1-Trichloroethane	7.934	97	37619	4.684	ug/l	92
36) 1,1-Dichloropropene	8.145	75	31463	4.989	ug/l	99
37) Ethyl Acetate	7.334	43	45568	4.976	ug/l #	97
38) Carbon Tetrachloride	8.128	117	32602	5.007	ug/l	86
39) Methylcyclohexane	9.392	83	39182	4.902	ug/l	95
40) Benzene	8.386	78	96219	4.983	ug/l	96

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Reviewed By : John Carlone 09/12/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	23425	5.160	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	34827	4.718	ug/l	98
43) Isopropyl Acetate	8.486	43	74937	5.008	ug/l	97
44) Trichloroethene	9.151	130	20754	4.794	ug/l	87
45) 1,2-Dichloropropane	9.428	63	24054	4.692	ug/l	96
46) Dibromomethane	9.510	93	16629	4.738	ug/l	97
47) Bromodichloromethane	9.698	83	34552	4.939	ug/l	90
48) Methyl methacrylate	9.498	41	33605	5.096	ug/l	92
49) 1,4-Dioxane	9.504	88	13096	94.244	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	231048	23.613	ug/l	99
52) Toluene	10.445	92	59335	4.969	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	35233	4.565	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	37910	4.608	ug/l	99
55) 1,1,2-Trichloroethane	10.833	97	23305	4.734	ug/l #	79
56) Ethyl methacrylate	10.704	69	38759	4.634	ug/l	90
57) 1,3-Dichloropropane	10.986	76	42971	4.994	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.980	63	98310	25.267	ug/l	98
59) 2-Hexanone	11.027	43	177779	23.544	ug/l	98
60) Dibromochloromethane	11.180	129	23957	4.807	ug/l	98
61) 1,2-Dibromoethane	11.280	107	25526	5.040	ug/l	99
64) Tetrachloroethene	10.916	164	16809	5.045	ug/l	93
65) Chlorobenzene	11.710	112	58735	4.956	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	22733	4.911	ug/l	97
67) Ethyl Benzene	11.786	91	114129	5.099	ug/l	96
68) m/p-Xylenes	11.892	106	83667	9.943	ug/l	98
69) o-Xylene	12.221	106	41798	4.942	ug/l	100
70) Styrene	12.233	104	63909	4.752	ug/l	98
71) Bromoform	12.398	173	16551	4.773	ug/l #	95
73) Isopropylbenzene	12.521	105	101575	4.968	ug/l	98
74) N-amyl acetate	12.327	43	56727	4.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	39366	5.124	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	30383m	4.208	ug/l	
77) Bromobenzene	12.804	156	22273	5.075	ug/l	96
78) n-propylbenzene	12.863	91	114518	4.890	ug/l	98
79) 2-Chlorotoluene	12.945	91	71972	5.040	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	86665	5.110	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	12919	5.177	ug/l	96
82) 4-Chlorotoluene	13.045	91	70779	5.137	ug/l	96
83) tert-Butylbenzene	13.268	119	78236	5.123	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	83771	4.983	ug/l	98
85) sec-Butylbenzene	13.445	105	101190	4.869	ug/l	98
86) p-Isopropyltoluene	13.557	119	79907	4.804	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	40978	5.050	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	38513	4.698	ug/l	86
89) n-Butylbenzene	13.886	91	67343	4.758	ug/l	99
90) Hexachloroethane	14.151	117	17027	4.846	ug/l	87
91) 1,2-Dichlorobenzene	13.933	146	42309	4.958	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	10228	4.890	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	21392	5.031	ug/l	95
94) Hexachlorobutadiene	15.304	225	9510	4.934	ug/l	98
95) Naphthalene	15.439	128	78350	4.709	ug/l	98
96) 1,2,3-Trichlorobenzene	15.633	180	21039	4.781	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

