

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072838.D
 Acq On : 14 Jun 2022 17:45
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 15 02:23:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	277893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	517879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	468274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	157079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	23892	5.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	11.360%#		
35) Dibromofluoromethane	8.016	113	17436	5.502	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.000%#		
50) Toluene-d8	10.439	98	67153	5.279	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.560%#		
62) 4-Bromofluorobenzene	12.727	95	21870	5.021	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	13561	5.830	ug/l	92
3) Chloromethane	2.293	50	18025	6.641	ug/l	98
4) Vinyl Chloride	2.434	62	13593	6.186	ug/l	96
5) Bromomethane	2.822	94	6797	8.816	ug/l	99
6) Chloroethane	2.987	64	10073	6.299	ug/l #	86
7) Trichlorofluoromethane	3.351	101	23709	5.512	ug/l	87
8) Diethyl Ether	3.822	74	11305	5.816	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.192	101	15897	6.166	ug/l #	70
10) Methyl Iodide	4.416	142	10235	4.230	ug/l	94
11) Tert butyl alcohol	5.369	59	29254	6.463	ug/l #	81
12) 1,1-Dichloroethene	4.169	96	14736	5.991	ug/l	98
13) Acrolein	4.039	56	13759	49.207	ug/l	95
14) Allyl chloride	4.828	41	32782	5.760	ug/l #	91
15) Acrylonitrile	5.557	53	66628	27.969	ug/l	98
16) Acetone	4.281	43	61719	27.291	ug/l	95
17) Carbon Disulfide	4.522	76	35412	6.662	ug/l	99
18) Methyl Acetate	4.851	43	36860	5.562	ug/l	90
19) Methyl tert-butyl Ether	5.604	73	56068	5.486	ug/l	92
20) Methylene Chloride	5.092	84	19934	5.934	ug/l #	80
21) trans-1,2-Dichloroethene	5.592	96	16494	6.178	ug/l #	93
22) Diisopropyl ether	6.498	45	64128	5.594	ug/l	95
23) Vinyl Acetate	6.422	43	271757	26.787	ug/l	94
24) 1,1-Dichloroethane	6.375	63	33820	5.855	ug/l	99
25) 2-Butanone	7.333	43	100826	28.486	ug/l	91
26) 2,2-Dichloropropane	7.316	77	23572	5.331	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	19267	5.486	ug/l	89
28) Bromochloromethane	7.657	49	15143	5.339	ug/l	83
29) Tetrahydrofuran	7.680	42	64392	28.290	ug/l	87
30) Chloroform	7.816	83	33481	5.661	ug/l	95
31) Cyclohexane	8.086	56	36629	7.510	ug/l #	89
32) 1,1,1-Trichloroethane	8.010	97	27778	5.730	ug/l	97
36) 1,1-Dichloropropene	8.210	75	24209	5.951	ug/l	95
37) Ethyl Acetate	7.404	43	37171	5.665	ug/l	96
38) Carbon Tetrachloride	8.204	117	22869	5.620	ug/l	99
39) Methylcyclohexane	9.457	83	28369	6.083	ug/l	96
40) Benzene	8.457	78	76110	5.859	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	18222	5.227	ug/l #	85
42) 1,2-Dichloroethane	8.527	62	28601	5.827	ug/l	98
43) Isopropyl Acetate	8.557	43	55239	5.065	ug/l #	93
44) Trichloroethene	9.216	130	17716	5.554	ug/l	98
45) 1,2-Dichloropropane	9.486	63	20014	5.843	ug/l	93
46) Dibromomethane	9.574	93	13836	5.907	ug/l	86
47) Bromodichloromethane	9.763	83	25003	5.283	ug/l	94
48) Methyl methacrylate	9.557	41	25043	5.232	ug/l	86
49) 1,4-Dioxane	9.574	88	10467	114.480	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	191936	27.477	ug/l	91
52) Toluene	10.504	92	44710	5.455	ug/l	94
53) t-1,3-Dichloropropene	10.715	75	24340	4.829	ug/l	89
54) cis-1,3-Dichloropropene	10.186	75	27638	5.115	ug/l #	81
55) 1,1,2-Trichloroethane	10.898	97	19372	5.402	ug/l	97
56) Ethyl methacrylate	10.757	69	33203	5.429	ug/l #	84
57) 1,3-Dichloropropane	11.045	76	34030	5.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	62951	24.703	ug/l	95
59) 2-Hexanone	11.086	43	141162	27.267	ug/l	89
60) Dibromochloromethane	11.233	129	17679	4.996	ug/l	98
61) 1,2-Dibromoethane	11.339	107	19793	5.495	ug/l	92
64) Tetrachloroethene	10.980	164	15806	5.530	ug/l	83
65) Chlorobenzene	11.768	112	49461	5.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	17595	5.408	ug/l	99
67) Ethyl Benzene	11.845	91	88238	5.519	ug/l	100
68) m/p-Xylenes	11.951	106	62310	10.769	ug/l	95
69) o-Xylene	12.280	106	31460	5.256	ug/l	96
70) Styrene	12.292	104	47287	5.090	ug/l	97
71) Bromoform	12.457	173	11929	4.906	ug/l #	97
73) Isopropylbenzene	12.574	105	79627	5.679	ug/l	97
74) N-amyl acetate	12.386	43	34995	5.075	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	29753	5.830	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	25596m	5.711	ug/l	
77) Bromobenzene	12.862	156	17539	5.694	ug/l	85
78) n-propylbenzene	12.915	91	83033	5.420	ug/l	98
79) 2-Chlorotoluene	13.004	91	56868	5.776	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	61321	5.542	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.627	75	7036	4.910	ug/l #	79
82) 4-Chlorotoluene	13.104	91	48657	5.360	ug/l	95
83) tert-Butylbenzene	13.321	119	56250	5.603	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	59466	5.634	ug/l	99
85) sec-Butylbenzene	13.498	105	73332	5.454	ug/l	98
86) p-Isopropyltoluene	13.609	119	55606	5.432	ug/l	97
87) 1,3-Dichlorobenzene	13.615	146	28086	5.417	ug/l	94
88) 1,4-Dichlorobenzene	13.692	146	27400	5.259	ug/l	91
89) n-Butylbenzene	13.939	91	43476	5.030	ug/l	94
90) Hexachloroethane	14.204	117	11326	5.342	ug/l	84
91) 1,2-Dichlorobenzene	13.980	146	28565	5.454	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.592	75	5224	4.633	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	12253	4.600	ug/l	95
94) Hexachlorobutadiene	15.374	225	6142	5.236	ug/l	96
95) Naphthalene	15.503	128	43935	4.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	12030	4.269	ug/l	97

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

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