

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071175.D
 Acq On : 07 Mar 2022 14:53
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 01:18:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	578533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	942546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	854259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	279167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	39854	5.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	11.880%#		
35) Dibromofluoromethane	8.022	113	29960	5.433	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.860%#		
50) Toluene-d8	10.439	98	112555	5.050	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	12.727	95	36218	4.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	36432	6.059	ug/l	92
3) Chloromethane	2.299	50	53957	6.964	ug/l	98
4) Vinyl Chloride	2.440	62	42527	5.611	ug/l	99
5) Bromomethane	2.834	94	25033	5.965	ug/l	96
6) Chloroethane	3.004	64	27174	5.447	ug/l	94
7) Trichlorofluoromethane	3.369	101	54932	5.749	ug/l	95
8) Diethyl Ether	3.828	74	23914	5.759	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	32837	5.656	ug/l	93
10) Methyl Iodide	4.422	142	40462	5.037	ug/l	99
11) Tert butyl alcohol	5.369	59	39037	31.214	ug/l	96
12) 1,1-Dichloroethene	4.187	96	31340	5.518	ug/l	97
13) Acrolein	4.040	56	50091	42.522	ug/l	97
14) Allyl chloride	4.840	41	66229	5.981	ug/l #	85
15) Acrylonitrile	5.557	53	120818	32.625	ug/l	98
16) Acetone	4.293	43	101896	27.866	ug/l	98
17) Carbon Disulfide	4.534	76	85481	5.257	ug/l	99
18) Methyl Acetate	4.857	43	60738	6.636	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	113207	5.646	ug/l	96
20) Methylene Chloride	5.092	84	41609	6.210	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	35024	5.749	ug/l	95
22) Diisopropyl ether	6.498	45	133183	6.272	ug/l #	92
23) Vinyl Acetate	6.434	43	542838	30.051	ug/l	98
24) 1,1-Dichloroethane	6.392	63	72501	6.147	ug/l	98
25) 2-Butanone	7.339	43	163298	32.532	ug/l	95
26) 2,2-Dichloropropane	7.322	77	52108	5.387	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	40423	5.749	ug/l	89
28) Bromochloromethane	7.657	49	30881	6.372	ug/l	83
29) Tetrahydrofuran	7.686	42	113293	34.226	ug/l	91
30) Chloroform	7.816	83	67856	5.877	ug/l	98
31) Cyclohexane	8.092	56	75625	6.525	ug/l #	90
32) 1,1,1-Trichloroethane	8.010	97	56944	5.733	ug/l	99
36) 1,1-Dichloropropene	8.222	75	50446	5.500	ug/l	95
37) Ethyl Acetate	7.410	43	70680	6.881	ug/l	97
38) Carbon Tetrachloride	8.204	117	49913	5.536	ug/l	95
39) Methylcyclohexane	9.457	83	59594	5.104	ug/l	93
40) Benzene	8.457	78	157932	5.797	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	33905	6.429	ug/l	89
42) 1,2-Dichloroethane	8.533	62	55741	5.966	ug/l	97
43) Isopropyl Acetate	8.557	43	103332	6.495	ug/l	96
44) Trichloroethene	9.216	130	36662	5.180	ug/l	98
45) 1,2-Dichloropropane	9.486	63	42731	6.074	ug/l	95
46) Dibromomethane	9.575	93	26714	5.830	ug/l	96
47) Bromodichloromethane	9.763	83	50002	5.389	ug/l	97
48) Methyl methacrylate	9.557	41	43462	5.734	ug/l #	87
49) 1,4-Dioxane	9.569	88	16563	123.129	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	314241	31.955	ug/l	100
52) Toluene	10.504	92	93274	5.459	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	53042	5.260	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	57331	5.182	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	37886	5.662	ug/l	97
56) Ethyl methacrylate	10.757	69	56681	5.558	ug/l	90
57) 1,3-Dichloropropane	11.039	76	70800	6.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	35568	20.589	ug/l	96
59) 2-Hexanone	11.086	43	207469	30.668	ug/l	99
60) Dibromochloromethane	11.233	129	35945	5.120	ug/l	97
61) 1,2-Dibromoethane	11.345	107	37706	5.533	ug/l	100
64) Tetrachloroethene	10.974	164	33865	5.193	ug/l	98
65) Chlorobenzene	11.769	112	99059	5.414	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	34964	5.236	ug/l	97
67) Ethyl Benzene	11.845	91	171601	5.342	ug/l	94
68) m/p-Xylenes	11.951	106	123494	10.031	ug/l	98
69) o-Xylene	12.280	106	61411	5.082	ug/l	95
70) Styrene	12.292	104	88521	4.634	ug/l	98
71) Bromoform	12.451	173	26179	4.944	ug/l #	99
73) Isopropylbenzene	12.574	105	155133	6.749	ug/l	99
74) N-amyl acetate	12.386	43	48693	6.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	54866	7.404	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	49834m	7.607	ug/l	
77) Bromobenzene	12.857	156	35263	6.324	ug/l	81
78) n-propylbenzene	12.916	91	149285	5.810	ug/l	99
79) 2-Chlorotoluene	13.004	91	104764	6.680	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	118085	6.369	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	12676	5.961	ug/l	96
82) 4-Chlorotoluene	13.104	91	89085	5.917	ug/l	95
83) tert-Butylbenzene	13.321	119	105144	6.021	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	113316	6.222	ug/l	95
85) sec-Butylbenzene	13.498	105	131587	5.705	ug/l	100
86) p-Isopropyltoluene	13.615	119	100469	5.350	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	54088	5.566	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	52240	5.498	ug/l	91
89) n-Butylbenzene	13.939	91	74120	4.890	ug/l	97
90) Hexachloroethane	14.210	117	20906	6.154	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	53895	5.880	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	7735	6.448	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	18280	4.126	ug/l	99
94) Hexachlorobutadiene	15.368	225	14767	4.558	ug/l	95
95) Naphthalene	15.504	128	39521	4.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.704	180	18859	4.657	ug/l	98

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

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