

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075021.D
 Acq On : 26 Oct 2022 13:01
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 27 06:08:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	128366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	225715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164046	94.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 189.700%#			
35) Dibromofluoromethane	8.171	113	141046	102.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.500%#			
50) Toluene-d8	10.570	98	565008	105.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 211.140%#			
62) 4-Bromofluorobenzene	12.853	95	211792	112.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 225.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	168111	100.672	ug/l	100
3) Chloromethane	2.371	50	147330	83.062	ug/l	96
4) Vinyl Chloride	2.524	62	214779	84.880	ug/l	94
5) Bromomethane	2.918	94	165244	79.684	ug/l	94
6) Chloroethane	3.095	64	146989	81.009	ug/l	94
7) Trichlorofluoromethane	3.489	101	236458	91.477	ug/l	99
8) Diethyl Ether	3.971	74	86292	91.525	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	130731	91.579	ug/l	98
10) Methyl Iodide	4.594	142	198794	93.542	ug/l	98
11) Tert butyl alcohol	5.553	59	186916	463.415	ug/l	99
12) 1,1-Dichloroethene	4.341	96	126443	92.925	ug/l	96
13) Acrolein	4.189	56	155305	470.745	ug/l	99
14) Allyl chloride	5.030	41	166690	83.876	ug/l	92
15) Acrylonitrile	5.736	53	410937	482.300	ug/l	99
16) Acetone	4.441	43	328413	448.439	ug/l	100
17) Carbon Disulfide	4.718	76	326252	95.344	ug/l	98
18) Methyl Acetate	5.036	43	220978	92.375	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	492368	97.356	ug/l	100
20) Methylene Chloride	5.283	84	145870	89.333	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	147485	98.993	ug/l	95
22) Diisopropyl ether	6.683	45	417797	95.263	ug/l	98
23) Vinyl Acetate	6.612	43	1767241m	518.761	ug/l	
24) 1,1-Dichloroethane	6.577	63	259414	93.525	ug/l	99
25) 2-Butanone	7.494	43	546610	474.525	ug/l	98
26) 2,2-Dichloropropane	7.500	77	240643	94.306	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	175057	98.391	ug/l	95
28) Bromochloromethane	7.824	49	110672	94.651	ug/l	90
29) Tetrahydrofuran	7.847	42	367751	494.055	ug/l	98
30) Chloroform	7.971	83	287379	95.425	ug/l	99
31) Cyclohexane	8.259	56	221213	85.996	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	273899	100.152	ug/l	96
36) 1,1-Dichloropropene	8.377	75	211541	99.052	ug/l	98
37) Ethyl Acetate	7.571	43	219806	93.849	ug/l	98
38) Carbon Tetrachloride	8.371	117	239732	102.047	ug/l	100
39) Methylcyclohexane	9.606	83	277906	98.569	ug/l	99
40) Benzene	8.612	78	635582	97.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	110882	98.816	ug/l	97
42) 1,2-Dichloroethane	8.676	62	219484	92.258	ug/l	98
43) Isopropyl Acetate	8.694	43	350794	96.559	ug/l	99
44) Trichloroethene	9.353	130	159230	97.058	ug/l	97
45) 1,2-Dichloropropane	9.623	63	149014	95.757	ug/l	99
46) Dibromomethane	9.712	93	118323	97.595	ug/l	99
47) Bromodichloromethane	9.894	83	228125	97.164	ug/l	100
48) Methyl methacrylate	9.682	41	158050	94.840	ug/l	98
49) 1,4-Dioxane	9.694	88	89852	2058.989	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1138389	485.587	ug/l	97
52) Toluene	10.635	92	447719	102.426	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	262191	105.801	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	268935	102.318	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	173897	100.333	ug/l	96
56) Ethyl methacrylate	10.876	69	271986	102.878	ug/l	96
57) 1,3-Dichloropropane	11.165	76	283640	98.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	538515	526.882	ug/l	98
59) 2-Hexanone	11.200	43	877817	493.353	ug/l	98
60) Dibromochloromethane	11.365	129	198293	108.440	ug/l	100
61) 1,2-Dibromoethane	11.470	107	184687	103.979	ug/l	100
64) Tetrachloroethene	11.106	164	133787	96.679	ug/l	95
65) Chlorobenzene	11.894	112	474506	98.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	178326	99.776	ug/l	100
67) Ethyl Benzene	11.965	91	864620	99.747	ug/l	96
68) m/p-Xylenes	12.076	106	711852	204.668	ug/l	100
69) o-Xylene	12.400	106	349513	101.614	ug/l	97
70) Styrene	12.412	104	586829	106.998	ug/l	97
71) Bromoform	12.582	173	158069	118.128	ug/l #	98
73) Isopropylbenzene	12.700	105	925402	92.133	ug/l	98
74) N-amyl acetate	12.494	43	319953	86.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	277793	84.787	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	216361m	73.097	ug/l	
77) Bromobenzene	12.982	156	208198	94.139	ug/l	94
78) n-propylbenzene	13.035	91	1047761	92.912	ug/l	99
79) 2-Chlorotoluene	13.129	91	612637	88.903	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	784827	93.030	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	109445	105.759	ug/l	88
82) 4-Chlorotoluene	13.129	91	612637	88.903	ug/l	97
83) tert-Butylbenzene	13.441	119	690481	92.111	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	798715	93.573	ug/l	98
85) sec-Butylbenzene	13.617	105	991727	94.571	ug/l	100
86) p-Isopropyltoluene	13.729	119	860347	99.341	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	427709	98.773	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	419184	97.814	ug/l	98
89) n-Butylbenzene	14.058	91	711235	101.982	ug/l	99
90) Hexachloroethane	14.335	117	152904	96.293	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	416869	96.836	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63097	93.131	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	195126	105.333	ug/l	98
94) Hexachlorobutadiene	15.505	225	84847	93.953	ug/l	99
95) Naphthalene	15.641	128	748035	105.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	189521	102.966	ug/l	100

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

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