

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074934.D
 Acq On : 19 Oct 2022 16:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 05:48:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	248212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	294580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291685	49.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.020%		
35) Dibromofluoromethane	8.177	113	240794	51.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.120%		
50) Toluene-d8	10.571	98	1009974	53.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.640%		
62) 4-Bromofluorobenzene	12.847	95	294229	56.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	200366	46.660	ug/l	100
3) Chloromethane	2.383	50	279312	43.061	ug/l	100
4) Vinyl Chloride	2.536	62	471425	45.705	ug/l	100
5) Bromomethane	2.924	94	525786	50.497	ug/l	100
6) Chloroethane	3.112	64	414426	40.622	ug/l	100
7) Trichlorofluoromethane	3.506	101	318714	47.039	ug/l	100
8) Diethyl Ether	3.983	74	139092	44.782	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	191288	45.091	ug/l	100
10) Methyl Iodide	4.606	142	272285	48.152	ug/l	100
11) Tert butyl alcohol	5.553	59	320931	231.138	ug/l	100
12) 1,1-Dichloroethene	4.359	96	177342	45.717	ug/l	100
13) Acrolein	4.200	56	229389	225.632	ug/l	100
14) Allyl chloride	5.042	41	358840m	47.486	ug/l	
15) Acrylonitrile	5.741	53	839237	242.302	ug/l	100
16) Acetone	4.453	43	666247	222.483	ug/l	100
17) Carbon Disulfide	4.730	76	421692	46.775	ug/l	100
18) Methyl Acetate	5.047	43	490285	46.164	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	748978	49.452	ug/l	100
20) Methylene Chloride	5.294	84	247654	41.636	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	199254	46.096	ug/l	100
22) Diisopropyl ether	6.694	45	829974	50.587	ug/l	100
23) Vinyl Acetate	6.618	43	3096329	249.357	ug/l	100
24) 1,1-Dichloroethane	6.583	63	440659	48.501	ug/l	100
25) 2-Butanone	7.500	43	1192024	245.101	ug/l	100
26) 2,2-Dichloropropane	7.500	77	369410	48.884	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	273500	47.904	ug/l	100
28) Bromochloromethane	7.824	49	211460	52.384	ug/l	100
29) Tetrahydrofuran	7.847	42	783785	250.028	ug/l	100
30) Chloroform	7.977	83	456427	50.224	ug/l	100
31) Cyclohexane	8.271	56	352388	46.682	ug/l	100
32) 1,1,1-Trichloroethane	8.182	97	372336	48.395	ug/l	100
36) 1,1-Dichloropropene	8.383	75	309305	48.526	ug/l	100
37) Ethyl Acetate	7.577	43	466339	49.491	ug/l	100
38) Carbon Tetrachloride	8.371	117	319150	51.068	ug/l	100
39) Methylcyclohexane	9.606	83	378486	51.100	ug/l	100
40) Benzene	8.612	78	1027908	50.128	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	242101	48.960	ug/l	100
42) 1,2-Dichloroethane	8.677	62	332936	47.516	ug/l	100
43) Isopropyl Acetate	8.700	43	730335	51.315	ug/l	100
44) Trichloroethene	9.359	130	235368	49.482	ug/l	100
45) 1,2-Dichloropropane	9.629	63	276913	49.147	ug/l	100
46) Dibromomethane	9.712	93	175843	47.955	ug/l	100
47) Bromodichloromethane	9.894	83	349461	50.547	ug/l	100
48) Methyl methacrylate	9.682	41	321410	51.647	ug/l	100
49) 1,4-Dioxane	9.700	88	140482	1013.230	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	2532951	265.288	ug/l	100
52) Toluene	10.635	92	651411	50.744	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	399132	54.174	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	418027	51.425	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	280544	52.653	ug/l	100
56) Ethyl methacrylate	10.876	69	446761	54.255	ug/l	100
57) 1,3-Dichloropropane	11.171	76	481398	51.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	985224	283.932	ug/l	100
59) 2-Hexanone	11.200	43	1895699	269.853	ug/l	100
60) Dibromochloromethane	11.359	129	267237	51.236	ug/l	100
61) 1,2-Dibromoethane	11.471	107	265058	50.361	ug/l	100
64) Tetrachloroethene	11.106	164	186732	46.029	ug/l	100
65) Chlorobenzene	11.894	112	698464	49.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	255820	48.007	ug/l	100
67) Ethyl Benzene	11.965	91	1277386	52.477	ug/l	100
68) m/p-Xylenes	12.070	106	998933	106.517	ug/l	100
69) o-Xylene	12.400	106	514196	53.354	ug/l	100
70) Styrene	12.412	104	827686	57.154	ug/l	100
71) Bromoform	12.582	173	208868	57.247	ug/l #	100
73) Isopropylbenzene	12.700	105	1295627	48.239	ug/l	100
74) N-amyl acetate	12.494	43	671595	49.994	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	460392	44.655	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	385620m	52.404	ug/l	100
77) Bromobenzene	12.982	156	285412	48.611	ug/l	100
78) n-propylbenzene	13.035	91	1526154	50.849	ug/l	100
79) 2-Chlorotoluene	13.123	91	837075	48.165	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1051423	49.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	157972	54.926	ug/l	100
82) 4-Chlorotoluene	13.123	91	837075	48.165	ug/l	100
83) tert-Butylbenzene	13.441	119	968346	50.397	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1054943	51.523	ug/l	100
85) sec-Butylbenzene	13.617	105	1389052	53.407	ug/l	100
86) p-Isopropyltoluene	13.729	119	1114054	55.304	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	521898	50.517	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	499816	49.018	ug/l	100
89) n-Butylbenzene	14.059	91	924610	55.414	ug/l	100
90) Hexachloroethane	14.335	117	201899	45.588	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	487014	49.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	73588	41.676	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	233439	48.570	ug/l	100
94) Hexachlorobutadiene	15.500	225	107018	41.864	ug/l	100
95) Naphthalene	15.641	128	926845	49.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	250653	47.725	ug/l	100

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

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