

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085245.D
 Acq On : 18 Dec 2024 11:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 19 05:17:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	222397	95.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 191.640%#			
35) Dibromofluoromethane	8.165	113	156776	101.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.800%#			
50) Toluene-d8	10.565	98	606787	107.904	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 215.800%#			
62) 4-Bromofluorobenzene	12.847	95	227599	113.316	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 226.640%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	223683	105.738	ug/l	95
3) Chloromethane	2.359	50	185155	91.824	ug/l	96
4) Vinyl Chloride	2.512	62	185482	98.177	ug/l	98
5) Bromomethane	2.936	94	113603	91.664	ug/l	95
6) Chloroethane	3.106	64	114090	98.985	ug/l	100
7) Trichlorofluoromethane	3.489	101	292297	95.808	ug/l	98
8) Diethyl Ether	3.953	74	100508	104.885	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	166774	101.922	ug/l	97
10) Methyl Iodide	4.583	142	195301	104.680	ug/l	99
11) Tert butyl alcohol	5.524	59	146115	453.197	ug/l	99
12) 1,1-Dichloroethene	4.336	96	155868	102.836	ug/l	96
13) Acrolein	4.177	56	179663	483.889	ug/l	97
14) Allyl chloride	5.018	41	273080	103.792	ug/l	98
15) Acrylonitrile	5.712	53	429271	488.837	ug/l	99
16) Acetone	4.424	43	362573	452.555	ug/l	95
17) Carbon Disulfide	4.706	76	478256	92.463	ug/l	98
18) Methyl Acetate	5.018	43	208325	91.848	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	556328	107.088	ug/l	100
20) Methylene Chloride	5.271	84	171870	98.070	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	165308	98.924	ug/l	97
22) Diisopropyl ether	6.671	45	611946	109.283	ug/l	99
23) Vinyl Acetate	6.600	43	2433128	562.326	ug/l	100
24) 1,1-Dichloroethane	6.559	63	325296	100.286	ug/l	98
25) 2-Butanone	7.477	43	603062	491.528	ug/l	99
26) 2,2-Dichloropropane	7.489	77	306120	101.918	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	198818	102.187	ug/l	97
28) Bromochloromethane	7.806	49	159647	97.592	ug/l	100
29) Tetrahydrofuran	7.836	42	399494	505.120	ug/l	99
30) Chloroform	7.965	83	342072	98.751	ug/l	99
31) Cyclohexane	8.253	56	293535	97.753	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	314505	101.867	ug/l	98
36) 1,1-Dichloropropene	8.371	75	243421	113.623	ug/l	100
37) Ethyl Acetate	7.559	43	250127	101.201	ug/l	100
38) Carbon Tetrachloride	8.359	117	275109	106.208	ug/l	97
39) Methylcyclohexane	9.600	83	272682	122.315	ug/l	96
40) Benzene	8.600	78	723096	108.494	ug/l	99

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41) Methacrylonitrile	7.777	41	140799	111.781	ug/l	98
42) 1,2-Dichloroethane	8.671	62	271246	106.846	ug/l	100
43) Isopropyl Acetate	8.683	43	445560	98.577	ug/l	99
44) Trichloroethene	9.347	130	160437	108.123	ug/l	100
45) 1,2-Dichloropropane	9.618	63	177783	107.734	ug/l	95
46) Dibromomethane	9.706	93	127276	108.042	ug/l	99
47) Bromodichloromethane	9.888	83	276180	109.425	ug/l	99
48) Methyl methacrylate	9.677	41	212686	114.790	ug/l	99
49) 1,4-Dioxane	9.694	88	60135	2058.510	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1293909	544.828	ug/l	99
52) Toluene	10.630	92	455835	113.746	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	295735	120.209	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	302770	115.753	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	163965	109.268	ug/l	98
56) Ethyl methacrylate	10.871	69	295118	101.047	ug/l	99
57) 1,3-Dichloropropane	11.159	76	292297	110.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	711429	508.718	ug/l	100
59) 2-Hexanone	11.194	43	950121	561.236	ug/l	100
60) Dibromochloromethane	11.359	129	200867	112.947	ug/l	99
61) 1,2-Dibromoethane	11.471	107	168121	108.774	ug/l	98
64) Tetrachloroethene	11.106	164	139187	104.604	ug/l	98
65) Chlorobenzene	11.888	112	475067	106.880	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	169624	109.383	ug/l	97
67) Ethyl Benzene	11.959	91	894979	117.473	ug/l	100
68) m/p-Xylenes	12.071	106	665022	233.390	ug/l	99
69) o-Xylene	12.394	106	322554	120.433	ug/l	99
70) Styrene	12.412	104	559256	125.079	ug/l	99
71) Bromoform	12.576	173	135696	111.633	ug/l #	98
73) Isopropylbenzene	12.694	105	840297	115.905	ug/l	99
74) N-amyl acetate	12.494	43	419855	115.949	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	246135	95.286	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	204020m	93.049	ug/l	
77) Bromobenzene	12.976	156	192007	100.869	ug/l	100
78) n-propylbenzene	13.035	91	1031914	116.058	ug/l	100
79) 2-Chlorotoluene	13.123	91	609507	107.968	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	709159	117.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	99248	110.007	ug/l	96
82) 4-Chlorotoluene	13.218	91	631208	110.493	ug/l	99
83) tert-Butylbenzene	13.435	119	582784	113.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	719106	116.337	ug/l	100
85) sec-Butylbenzene	13.612	105	847632	118.555	ug/l	99
86) p-Isopropyltoluene	13.729	119	710842	100.694	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	366762	104.626	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	358619	98.872	ug/l	99
89) n-Butylbenzene	14.053	91	646693	122.994	ug/l	98
90) Hexachloroethane	14.329	117	138100	105.146	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	342103	104.926	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	51018	102.989	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	179196	107.368	ug/l	98
94) Hexachlorobutadiene	15.500	225	80258	92.524	ug/l	94
95) Naphthalene	15.635	128	596784	107.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	170435	102.240	ug/l	98

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