

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085325.D
 Acq On : 27 Dec 2024 12:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 01:11:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	11186	5.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.620%#		
35) Dibromofluoromethane	8.159	113	8683	5.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	10.565	98	32316	5.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.740%#		
62) 4-Bromofluorobenzene	12.841	95	10066	5.033	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9959	4.983	ug/l	87
3) Chloromethane	2.359	50	10992	4.893	ug/l	94
4) Vinyl Chloride	2.512	62	12286	5.172	ug/l	98
5) Bromomethane	2.954	94	8726	5.616	ug/l	96
6) Chloroethane	3.118	64	7888	5.236	ug/l	100
7) Trichlorofluoromethane	3.501	101	15924	5.099	ug/l	97
8) Diethyl Ether	3.953	74	5358	5.182	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	9363	5.270	ug/l #	48
10) Methyl Iodide	4.589	142	9845	4.788	ug/l #	93
11) Tert butyl alcohol	5.518	59	7128	27.007	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	8833	5.379	ug/l	79
13) Acrolein	4.177	56	11310	27.485	ug/l	100
14) Allyl chloride	5.018	41	13153	5.004	ug/l	93
15) Acrylonitrile	5.724	53	20549	24.737	ug/l	98
16) Acetone	4.424	43	17276	24.926	ug/l	94
17) Carbon Disulfide	4.706	76	25152	5.035	ug/l	98
18) Methyl Acetate	5.030	43	10628	5.009	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	26395	4.945	ug/l	97
20) Methylene Chloride	5.277	84	9500	5.096	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	8724	5.085	ug/l	87
22) Diisopropyl ether	6.665	45	29256	5.165	ug/l #	92
23) Vinyl Acetate	6.600	43	99465m	24.429	ug/l	
24) 1,1-Dichloroethane	6.571	63	17288	5.067	ug/l	94
25) 2-Butanone	7.483	43	27176	25.274	ug/l	99
26) 2,2-Dichloropropane	7.489	77	15617	5.225	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	9778	4.856	ug/l	92
28) Bromochloromethane	7.806	49	8779	5.537	ug/l #	98
29) Tetrahydrofuran	7.836	42	17009	24.557	ug/l	97
30) Chloroform	7.959	83	17135	4.909	ug/l	97
31) Cyclohexane	8.259	56	17671	5.672	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	15694	5.035	ug/l #	87
36) 1,1-Dichloropropene	8.365	75	12017	5.001	ug/l	98
37) Ethyl Acetate	7.559	43	11648	4.877	ug/l #	96
38) Carbon Tetrachloride	8.359	117	12952	4.945	ug/l	91
39) Methylcyclohexane	9.600	83	11831	4.746	ug/l #	92
40) Benzene	8.600	78	36472	5.021	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	6242	5.104	ug/l	99
42) 1,2-Dichloroethane	8.665	62	12978	4.983	ug/l	97
43) Isopropyl Acetate	8.688	43	18930	4.814	ug/l	99
44) Trichloroethene	9.347	130	8533	4.961	ug/l	93
45) 1,2-Dichloropropane	9.618	63	9143	4.958	ug/l	99
46) Dibromomethane	9.706	93	6573	5.125	ug/l	98
47) Bromodichloromethane	9.888	83	13450	5.046	ug/l	99
48) Methyl methacrylate	9.682	41	8311	4.871	ug/l	98
49) 1,4-Dioxane	9.694	88	2520	97.886	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	54831	24.812	ug/l	99
52) Toluene	10.624	92	21799	5.040	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	13088	4.993	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	13900	4.904	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	8634	5.287	ug/l	91
56) Ethyl methacrylate	10.871	69	10291	4.327	ug/l	98
57) 1,3-Dichloropropane	11.159	76	14548	5.076	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.153	63	28647	24.895	ug/l	98
59) 2-Hexanone	11.188	43	36958	24.105	ug/l	99
60) Dibromochloromethane	11.359	129	9180	4.991	ug/l	96
61) 1,2-Dibromoethane	11.465	107	8013	4.960	ug/l	99
64) Tetrachloroethene	11.106	164	7300	5.095	ug/l	84
65) Chlorobenzene	11.888	112	24138	4.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	7880	4.805	ug/l	94
67) Ethyl Benzene	11.959	91	39102	4.812	ug/l	95
68) m/p-Xylenes	12.065	106	29104	9.786	ug/l	96
69) o-Xylene	12.394	106	13620	4.734	ug/l	98
70) Styrene	12.406	104	21804	4.676	ug/l	99
71) Bromoform	12.571	173	5494	4.837	ug/l #	99
73) Isopropylbenzene	12.694	105	35544	5.124	ug/l	97
74) N-amyl acetate	12.494	43	13811	4.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	11349	5.137	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	9049m	4.883	ug/l	
77) Bromobenzene	12.976	156	8544	4.971	ug/l	98
78) n-propylbenzene	13.029	91	38185	4.722	ug/l	99
79) 2-Chlorotoluene	13.123	91	26279	5.164	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	27787	4.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	3288	4.391	ug/l	95
82) 4-Chlorotoluene	13.218	91	25709	5.016	ug/l	97
83) tert-Butylbenzene	13.435	119	24152	4.969	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	26238	4.696	ug/l	97
85) sec-Butylbenzene	13.612	105	33215	4.923	ug/l	97
86) p-Isopropyltoluene	13.723	119	25238	4.594	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	15966	5.124	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	16072	5.022	ug/l	91
89) n-Butylbenzene	14.053	91	22807	4.616	ug/l	99
90) Hexachloroethane	14.329	117	5398	4.881	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	14881	5.014	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	2047	5.206	ug/l	94
93) 1,2,4-Trichlorobenzene	15.382	180	7250	4.894	ug/l	96
94) Hexachlorobutadiene	15.500	225	3976	5.402	ug/l	96
95) Naphthalene	15.635	128	22967	4.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	7594	5.131	ug/l	95

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

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