

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085222.D
 Acq On : 17 Dec 2024 14:09
 Operator : JC\MD
 Sample : VN1217WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02

Quant Time: Dec 18 00:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110767	49.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	89648	53.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.080%		
50) Toluene-d8	10.565	98	309619	51.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.240%		
62) 4-Bromofluorobenzene	12.847	95	120210	53.070	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48116	27.267	ug/l	98
3) Chloromethane	2.360	50	38568	18.844	ug/l	93
4) Vinyl Chloride	2.512	62	40043	21.771	ug/l	97
5) Bromomethane	2.954	94	25965	25.186	ug/l	97
6) Chloroethane	3.118	64	26501m	21.376	ug/l	
7) Trichlorofluoromethane	3.501	101	67169	21.468	ug/l	97
8) Diethyl Ether	3.959	74	20760	19.494	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	36542	20.592	ug/l	99
10) Methyl Iodide	4.589	142	40702	17.328	ug/l	99
11) Tert butyl alcohol	5.518	59	29087	97.918	ug/l #	94
12) 1,1-Dichloroethene	4.336	96	32133	19.399	ug/l	99
13) Acrolein	4.177	56	8093	40.829	ug/l	93
14) Allyl chloride	5.018	41	45622m	16.338	ug/l	
15) Acrylonitrile	5.718	53	80665	95.915	ug/l	99
16) Acetone	4.424	43	66747	103.099	ug/l	95
17) Carbon Disulfide	4.712	76	97251	19.892	ug/l	95
18) Methyl Acetate	5.030	43	40137	18.678	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	102482	18.936	ug/l	100
20) Methylene Chloride	5.271	84	36015	18.230	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	33867	19.429	ug/l	87
22) Diisopropyl ether	6.677	45	106746	18.994	ug/l	96
23) Vinyl Acetate	6.600	43	373460	96.324	ug/l	98
24) 1,1-Dichloroethane	6.565	63	64442	19.161	ug/l	99
25) 2-Butanone	7.483	43	100430	94.884	ug/l	95
26) 2,2-Dichloropropane	7.489	77	60419	19.239	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	39800	18.940	ug/l	99
28) Bromochloromethane	7.812	49	23373	18.411	ug/l	97
29) Tetrahydrofuran	7.836	42	66776	101.450	ug/l	96
30) Chloroform	7.965	83	67596	18.895	ug/l	98
31) Cyclohexane	8.253	56	55863	18.866	ug/l #	95
32) 1,1,1-Trichloroethane	8.165	97	62735	19.406	ug/l	98
36) 1,1-Dichloropropene	8.371	75	46766	20.428	ug/l	99
37) Ethyl Acetate	7.559	43	44445	21.355	ug/l	98
38) Carbon Tetrachloride	8.359	117	57916	21.917	ug/l	96
39) Methylcyclohexane	9.600	83	49682	20.885	ug/l	99
40) Benzene	8.606	78	147862	20.421	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23095	20.042	ug/l	99
42) 1,2-Dichloroethane	8.665	62	50066	20.212	ug/l	100
43) Isopropyl Acetate	8.688	43	73069	16.902	ug/l	99
44) Trichloroethene	9.353	130	34613	20.570	ug/l	94
45) 1,2-Dichloropropane	9.618	63	35148	19.709	ug/l	98
46) Dibromomethane	9.706	93	24924	20.113	ug/l	95
47) Bromodichloromethane	9.883	83	55195	21.016	ug/l	95
48) Methyl methacrylate	9.677	41	33466	20.803	ug/l	97
49) 1,4-Dioxane	9.688	88	12477	447.243	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	218932	110.877	ug/l	100
52) Toluene	10.630	92	90377	21.085	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52063	19.772	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	56019	20.054	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	33383	20.909	ug/l	97
56) Ethyl methacrylate	10.871	69	50424	21.613	ug/l	97
57) 1,3-Dichloropropane	11.159	76	55390	19.712	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	110327	96.405	ug/l	100
59) 2-Hexanone	11.194	43	158122	107.072	ug/l	98
60) Dibromochloromethane	11.359	129	41054	21.040	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34382	20.808	ug/l	99
64) Tetrachloroethene	11.100	164	31453	20.831	ug/l	97
65) Chlorobenzene	11.888	112	97189	19.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	36950	20.651	ug/l	99
67) Ethyl Benzene	11.965	91	163399	19.819	ug/l	99
68) m/p-Xylenes	12.071	106	131161	41.786	ug/l	97
69) o-Xylene	12.400	106	59296	19.859	ug/l	100
70) Styrene	12.412	104	100655	20.271	ug/l	99
71) Bromoform	12.576	173	28438	21.412	ug/l #	100
73) Isopropylbenzene	12.694	105	152613	19.668	ug/l	99
74) N-amyl acetate	12.494	43	61400	19.203	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	49087	18.526	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	40729m	20.358	ug/l	
77) Bromobenzene	12.976	156	39351	18.846	ug/l	98
78) n-propylbenzene	13.035	91	183823	20.540	ug/l	99
79) 2-Chlorotoluene	13.124	91	112872	18.893	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	131851	20.250	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	16738	18.470	ug/l	99
82) 4-Chlorotoluene	13.218	91	116084	18.665	ug/l	98
83) tert-Butylbenzene	13.435	119	110429	19.712	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	133295	19.888	ug/l	100
85) sec-Butylbenzene	13.618	105	153515	20.285	ug/l	100
86) p-Isopropyltoluene	13.729	119	124924	19.997	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70923	17.220	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72522	17.255	ug/l	99
89) n-Butylbenzene	14.053	91	103842	17.874	ug/l	99
90) Hexachloroethane	14.329	117	25798	18.945	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	68778	17.427	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9531	18.602	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	33307	15.535	ug/l	99
94) Hexachlorobutadiene	15.500	225	18055	18.246	ug/l	98
95) Naphthalene	15.641	128	97144	15.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33665	16.456	ug/l	98

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

