

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085326.D
 Acq On : 27 Dec 2024 12:48
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 28 01:10:49 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	133455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81571	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	1733	0.960	ug/l #	70
3) Chloromethane	2.359	50	2616	1.290	ug/l	92
4) Vinyl Chloride	2.512	62	2294	1.069	ug/l	93
6) Chloroethane	3.130	64	1394	1.025	ug/l	91
7) Trichlorofluoromethane	3.500	101	2816	0.999	ug/l	93
8) Diethyl Ether	3.971	74	756	0.810	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.383	101	1581m	0.985	ug/l	
12) 1,1-Dichloroethene	4.341	96	1405	0.947	ug/l #	78
14) Allyl chloride	5.030	41	2441	1.028	ug/l #	68
15) Acrylonitrile	5.712	53	3700m	4.932	ug/l	
16) Acetone	4.430	43	3332	5.323	ug/l #	58
17) Carbon Disulfide	4.718	76	5381	1.193	ug/l	96
18) Methyl Acetate	5.030	43	1947	1.016	ug/l #	59
19) Methyl tert-butyl Ether	5.800	73	4219	0.875	ug/l #	88
20) Methylene Chloride	5.271	84	1722	1.023	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	1530	0.988	ug/l #	85
22) Diisopropyl ether	6.677	45	4276	0.836	ug/l #	93
23) Vinyl Acetate	6.600	43	15012	4.083	ug/l	100
24) 1,1-Dichloroethane	6.559	63	3050	0.990	ug/l #	82
25) 2-Butanone	7.482	43	4530	4.665	ug/l	97
26) 2,2-Dichloropropane	7.488	77	2343	0.868	ug/l #	67
27) cis-1,2-Dichloroethene	7.482	96	1732	0.953	ug/l	99
28) Bromochloromethane	7.800	49	1221m	0.853	ug/l	
29) Tetrahydrofuran	7.835	42	2727	4.360	ug/l	99
30) Chloroform	7.953	83	3291	1.044	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	2817	1.001	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2094	0.929	ug/l #	74
37) Ethyl Acetate	7.559	43	2400	1.071	ug/l #	70
38) Carbon Tetrachloride	8.359	117	2232	0.908	ug/l #	93
39) Methylcyclohexane	9.600	83	1910	0.817	ug/l	90
40) Benzene	8.606	78	6282	0.922	ug/l	99
41) Methacrylonitrile	7.788	41	903m	0.787	ug/l	
42) 1,2-Dichloroethane	8.665	62	2346	0.960	ug/l #	76
43) Isopropyl Acetate	8.694	43	3615	0.980	ug/l #	84
44) Trichloroethene	9.347	130	1696	1.051	ug/l	89
45) 1,2-Dichloropropane	9.623	63	1658	0.958	ug/l #	81

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	1092	0.908	ug/l	96
47) Bromodichloromethane	9.882	83	2265	0.906	ug/l #	87
48) Methyl methacrylate	9.682	41	1319	0.824	ug/l #	88
49) 1,4-Dioxane	9.688	88	300m	12.421	ug/l	
51) 4-Methyl-2-Pentanone	10.441	43	8337	4.021	ug/l	100
52) Toluene	10.629	92	3329	0.820	ug/l	95
53) t-1,3-Dichloropropene	10.829	75	1964	0.799	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	2254	0.848	ug/l #	82
55) 1,1,2-Trichloroethane	11.012	97	1466	0.957	ug/l	91
56) Ethyl methacrylate	10.876	69	1600	0.717	ug/l	100
57) 1,3-Dichloropropane	11.165	76	2306	0.858	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.165	63	3585	3.321	ug/l	91
59) 2-Hexanone	11.194	43	5577	3.877	ug/l	89
60) Dibromochloromethane	11.353	129	1329	0.770	ug/l	72
61) 1,2-Dibromoethane	11.470	107	1298	0.856	ug/l	100
64) Tetrachloroethene	11.100	164	1118	0.851	ug/l #	83
65) Chlorobenzene	11.882	112	4664	1.041	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.959	131	1447	0.962	ug/l #	59
67) Ethyl Benzene	11.959	91	6412	0.860	ug/l	92
68) m/p-Xylenes	12.064	106	3925	1.439	ug/l	89
69) o-Xylene	12.394	106	2091	0.792	ug/l	94
70) Styrene	12.417	104	3030	0.708	ug/l	97
71) Bromoform	12.570	173	859	0.824	ug/l #	99
73) Isopropylbenzene	12.694	105	4362	0.744	ug/l	95
74) N-amyl acetate	12.494	43	2086	0.831	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	1959	1.049	ug/l #	86
76) 1,2,3-Trichloropropane	12.988	75	1809m	1.154	ug/l	
77) Bromobenzene	12.976	156	1544	1.062	ug/l	95
78) n-propylbenzene	13.029	91	5290	0.774	ug/l	99
79) 2-Chlorotoluene	13.123	91	3518	0.818	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	3380	0.712	ug/l	91
82) 4-Chlorotoluene	13.217	91	3768	0.869	ug/l	92
83) tert-Butylbenzene	13.441	119	3239	0.788	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	3339	0.707	ug/l	99
85) sec-Butylbenzene	13.611	105	4066	0.713	ug/l	98
86) p-Isopropyltoluene	13.723	119	2921	0.798	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2485	0.943	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	2825m	1.044	ug/l	
89) n-Butylbenzene	14.053	91	3482	0.833	ug/l	91
90) Hexachloroethane	14.329	117	831	0.889	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	2255	0.899	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.711	75	309	0.929	ug/l #	73
93) 1,2,4-Trichlorobenzene	15.388	180	1193	0.952	ug/l	91
94) Hexachlorobutadiene	15.500	225	681	1.094	ug/l	75
95) Naphthalene	15.641	128	4815	1.134	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.841	180	1188	0.949	ug/l #	89

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

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