

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084384.D
 Acq On : 10 Oct 2024 13:21
 Operator : JC\MD
 Sample : P4368-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 11 05:28:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134457	48.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.440%
35) Dibromofluoromethane	8.165	113	106285	48.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.565	98	375403	46.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.847	95	129326	43.933	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	1034	0.465	ug/l	91
3) Chloromethane	2.359	50	1828	0.720	ug/l	98
4) Vinyl Chloride	2.512	62	1717	0.698	ug/l	89
5) Bromomethane	2.965	94	1183	0.729	ug/l	89
6) Chloroethane	3.118	64	2754m	1.563	ug/l	
7) Trichlorofluoromethane	3.500	101	2127	0.555	ug/l	94
8) Diethyl Ether	3.953	74	378	0.266	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.371	101	1320	0.601	ug/l #	67
10) Methyl Iodide	4.577	142	1308	0.463	ug/l #	40
11) Tert butyl alcohol	5.524	59	881	1.916	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	1248	0.589	ug/l	93
13) Acrolein	4.195	56	1075	2.037	ug/l #	61
14) Allyl chloride	5.024	41	1892	0.515	ug/l #	78
15) Acrylonitrile	5.724	53	2645	2.278	ug/l	91
16) Acetone	4.442	43	3941	3.290	ug/l	94
17) Carbon Disulfide	4.712	76	4084	0.609	ug/l	98
18) Methyl Acetate	5.030	43	1662	0.637	ug/l #	68
19) Methyl tert-butyl Ether	5.800	73	3517	0.492	ug/l	94
20) Methylene Chloride	5.283	84	1549	0.636	ug/l #	82
21) trans-1,2-Dichloroethene	5.777	96	1107	0.499	ug/l #	72
22) Diisopropyl ether	6.677	45	3327	0.437	ug/l #	68
23) Vinyl Acetate	6.612	43	12907	2.288	ug/l	100
24) 1,1-Dichloroethane	6.559	63	2626	0.617	ug/l #	83
25) 2-Butanone	7.488	43	4810	2.948	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	1993	0.520	ug/l #	66
27) cis-1,2-Dichloroethene	7.477	96	1290	0.481	ug/l	82
28) Bromochloromethane	7.818	49	1221	0.643	ug/l #	94
29) Tetrahydrofuran	7.847	42	2413	2.397	ug/l #	82
30) Chloroform	7.965	83	2684	0.607	ug/l	94
31) Cyclohexane	8.218	56	6711	1.625	ug/l #	28
32) 1,1,1-Trichloroethane	8.171	97	2538	0.640	ug/l #	41
36) 1,1-Dichloropropene	8.377	75	1629	0.511	ug/l #	71
37) Ethyl Acetate	7.553	43	1493	0.456	ug/l #	69
38) Carbon Tetrachloride	8.365	117	1948	0.557	ug/l #	96
39) Methylcyclohexane	9.600	83	1886	0.531	ug/l	91
40) Benzene	8.612	78	5412	0.544	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.765	41	331	0.186	ug/l	#	34
42) 1,2-Dichloroethane	8.671	62	2496	0.741	ug/l	#	75
43) Isopropyl Acetate	8.694	43	5514	0.860	ug/l	#	78
44) Trichloroethene	9.353	130	1213	0.523	ug/l		46
45) 1,2-Dichloropropane	9.618	63	1480	0.629	ug/l	#	82
46) Dibromomethane	9.706	93	783	0.493	ug/l	#	83
47) Bromodichloromethane	9.888	83	2022	0.574	ug/l	#	87
48) Methyl methacrylate	9.677	41	1336	0.524	ug/l	#	88
49) 1,4-Dioxane	9.694	88	356	7.578	ug/l	#	67
51) 4-Methyl-2-Pentanone	10.441	43	7031	2.257	ug/l		93
52) Toluene	10.624	92	3437	0.567	ug/l		93
53) t-1,3-Dichloropropene	10.835	75	1934	0.538	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	1777	0.460	ug/l	#	76
55) 1,1,2-Trichloroethane	11.018	97	1177	0.542	ug/l	#	85
56) Ethyl methacrylate	10.871	69	1469	0.411	ug/l	#	69
57) 1,3-Dichloropropane	11.165	76	2239	0.577	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	3076	1.855	ug/l	#	85
59) 2-Hexanone	11.200	43	6019	2.585	ug/l		86
60) Dibromochloromethane	11.359	129	1220	0.475	ug/l		80
61) 1,2-Dibromoethane	11.471	107	1264	0.560	ug/l		85
64) Tetrachloroethene	11.100	164	1056	0.526	ug/l	#	86
65) Chlorobenzene	11.888	112	3540	0.554	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.953	131	1330	0.605	ug/l	#	66
67) Ethyl Benzene	11.965	91	5394	0.478	ug/l		95
68) m/p-Xylenes	12.070	106	3755	0.899	ug/l		95
69) o-Xylene	12.400	106	1759	0.445	ug/l		88
70) Styrene	12.406	104	2912	0.435	ug/l		91
71) Bromoform	12.576	173	1190	0.735	ug/l	#	30
73) Isopropylbenzene	12.694	105	4112	0.439	ug/l		99
74) N-amyl acetate	12.494	43	1847	0.435	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	1831	0.650	ug/l	#	94
76) 1,2,3-Trichloropropane	13.000	75	2294	0.915	ug/l		53
77) Bromobenzene	12.982	156	1318	0.583	ug/l		91
78) n-propylbenzene	13.035	91	5618	0.518	ug/l		93
79) 2-Chlorotoluene	13.129	91	3413	0.493	ug/l		92
80) 1,3,5-Trimethylbenzene	13.170	105	3606	0.472	ug/l		90
81) trans-1,4-Dichloro-2-b...	12.735	75	392m	0.375	ug/l		
82) 4-Chlorotoluene	13.217	91	3883	0.557	ug/l		89
83) tert-Butylbenzene	13.441	119	3243	0.478	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	3129	0.406	ug/l		93
85) sec-Butylbenzene	13.612	105	3962	0.437	ug/l		88
86) p-Isopropyltoluene	13.729	119	3086	0.412	ug/l		91
87) 1,3-Dichlorobenzene	13.729	146	2624	0.619	ug/l		88
88) 1,4-Dichlorobenzene	13.812	146	2642m	0.617	ug/l		
89) n-Butylbenzene	14.053	91	2990	0.440	ug/l		92
90) Hexachloroethane	14.329	117	841	0.553	ug/l		78
91) 1,2-Dichlorobenzene	14.106	146	2103	0.506	ug/l		87
92) 1,2-Dibromo-3-Chloropr...	14.717	75	287	0.494	ug/l	#	37
93) 1,2,4-Trichlorobenzene	15.394	180	837	0.409	ug/l		84
94) Hexachlorobutadiene	15.500	225	483	0.473	ug/l		76
95) Naphthalene	15.641	128	3363	0.496	ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.841	180	916	0.447	ug/l		80

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

10/11/2024
Supervised By :Mahesh
Dadoda

10/14/2024

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