

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080660.D
 Acq On : 10 Jan 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 11 06:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	27351	8.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	17.680%#		
35) Dibromofluoromethane	8.165	113	18052	9.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.060%#		
50) Toluene-d8	10.565	98	66085	8.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.340%#		
62) 4-Bromofluorobenzene	12.847	95	25771	8.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28324	9.896	ug/l	96
3) Chloromethane	2.359	50	32876	9.828	ug/l	94
4) Vinyl Chloride	2.512	62	24561	9.459	ug/l #	80
5) Bromomethane	2.959	94	10264	10.399	ug/l	92
6) Chloroethane	3.118	64	14117	9.871	ug/l	95
7) Trichlorofluoromethane	3.495	101	40291	9.396	ug/l	88
8) Diethyl Ether	3.959	74	19075	10.178	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.383	101	21330m	9.126	ug/l	
10) Methyl Iodide	4.589	142	19324	9.887	ug/l	97
11) Tert butyl alcohol	5.524	59	25398	48.544	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	24608	9.356	ug/l	85
13) Acrolein	4.177	56	20323	46.146	ug/l	98
14) Allyl chloride	5.012	41	47290	9.070	ug/l #	88
15) Acrylonitrile	5.718	53	67043	49.071	ug/l	99
16) Acetone	4.424	43	51829	51.029	ug/l #	88
17) Carbon Disulfide	4.712	76	79308	9.858	ug/l #	94
18) Methyl Acetate	5.030	43	30232	9.996	ug/l #	83
19) Methyl tert-butyl Ether	5.789	73	89422	9.866	ug/l #	89
20) Methylene Chloride	5.277	84	27284	9.202	ug/l #	66
21) trans-1,2-Dichloroethene	5.783	96	26278	9.850	ug/l #	75
22) Diisopropyl ether	6.665	45	98106	9.978	ug/l #	87
23) Vinyl Acetate	6.606	43	400253	50.305	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	53468	9.935	ug/l	96
25) 2-Butanone	7.477	43	88264	48.076	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	45285	9.621	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	28590	9.721	ug/l	71
28) Bromochloromethane	7.812	49	22441	8.919	ug/l #	59
29) Tetrahydrofuran	7.841	42	62994	50.906	ug/l #	72
30) Chloroform	7.965	83	49015	9.715	ug/l	96
31) Cyclohexane	8.259	56	45918	9.607	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	43700	10.622	ug/l	92
36) 1,1-Dichloropropene	8.371	75	39491	9.648	ug/l	91
37) Ethyl Acetate	7.559	43	38523	9.705	ug/l #	94
38) Carbon Tetrachloride	8.359	117	34864	9.486	ug/l	95
39) Methylcyclohexane	9.600	83	36377	9.286	ug/l #	75
40) Benzene	8.606	78	112671	9.791	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23069	10.129	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	42449	9.636	ug/l	87
43) Isopropyl Acetate	8.688	43	71878	9.851	ug/l #	89
44) Trichloroethene	9.353	130	22863	8.776	ug/l	75
45) 1,2-Dichloropropane	9.624	63	29725	9.743	ug/l	98
46) Dibromomethane	9.712	93	18752	9.715	ug/l	93
47) Bromodichloromethane	9.888	83	39173	9.144	ug/l	94
48) Methyl methacrylate	9.682	41	34107	9.874	ug/l #	76
49) 1,4-Dioxane	9.700	88	7756	180.199	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	191880	48.748	ug/l	87
52) Toluene	10.629	92	64536	9.789	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	44643	9.388	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	50284	9.972	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	25180	9.922	ug/l	93
56) Ethyl methacrylate	10.877	69	43691	9.612	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	45564	9.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	109203	50.161	ug/l #	87
59) 2-Hexanone	11.194	43	141867	48.823	ug/l	84
60) Dibromochloromethane	11.359	129	24938	9.562	ug/l	99
61) 1,2-Dibromoethane	11.471	107	24472	9.810	ug/l	99
64) Tetrachloroethene	11.106	164	20474	10.146	ug/l	98
65) Chlorobenzene	11.888	112	61464	9.574	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	22722	9.969	ug/l	99
67) Ethyl Benzene	11.965	91	117686	9.600	ug/l	91
68) m/p-Xylenes	12.071	106	86099	19.978	ug/l	93
69) o-Xylene	12.400	106	41345	9.812	ug/l	84
70) Styrene	12.412	104	69492	9.712	ug/l	93
71) Bromoform	12.582	173	15088	9.622	ug/l #	100
73) Isopropylbenzene	12.700	105	101702	9.700	ug/l	97
74) N-amyl acetate	12.494	43	62281	9.899	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	34366	9.993	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	31680m	9.146	ug/l	
77) Bromobenzene	12.982	156	21119	9.484	ug/l	66
78) n-propylbenzene	13.041	91	125879	9.787	ug/l	95
79) 2-Chlorotoluene	13.129	91	79356	9.628	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	83812	9.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	13152	9.114	ug/l #	83
82) 4-Chlorotoluene	13.223	91	77649	9.610	ug/l	90
83) tert-Butylbenzene	13.441	119	66523	9.524	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	83150	9.678	ug/l	98
85) sec-Butylbenzene	13.618	105	95024	9.574	ug/l	97
86) p-Isopropyltoluene	13.735	119	73709	9.404	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	37731	9.486	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	38614	9.529	ug/l	90
89) n-Butylbenzene	14.059	91	70576	9.341	ug/l	96
90) Hexachloroethane	14.335	117	13689	9.417	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	36138	9.642	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7506	9.231	ug/l	75
93) 1,2,4-Trichlorobenzene	15.400	180	19666	10.075	ug/l	99
94) Hexachlorobutadiene	15.500	225	9046	9.657	ug/l	96
95) Naphthalene	15.641	128	71049	9.249	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	18199	9.632	ug/l	98

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

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