

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083746.D
 Acq On : 10 Sep 2024 10:44
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 01:56:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	9581	3.970	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	7.940%#		
35) Dibromofluoromethane	8.159	113	7953	4.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	8.880%#		
50) Toluene-d8	10.565	98	21320	3.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.880%#		
62) 4-Bromofluorobenzene	12.847	95	10808	4.226	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	8818	4.744	ug/l	92
3) Chloromethane	2.359	50	10519	3.837	ug/l	99
4) Vinyl Chloride	2.518	62	9914	4.866	ug/l	97
5) Bromomethane	2.900	94	6285	5.372	ug/l #	76
6) Chloroethane	3.059	64	7426	5.254	ug/l	99
7) Trichlorofluoromethane	3.465	101	17145	4.957	ug/l	100
8) Diethyl Ether	3.953	74	5929	5.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	9276	5.060	ug/l	99
10) Methyl Iodide	4.577	142	11474	4.921	ug/l	92
11) Tert butyl alcohol	5.536	59	8809m	27.256	ug/l	
12) 1,1-Dichloroethene	4.324	96	8914	5.149	ug/l #	78
13) Acrolein	4.177	56	8866	27.803	ug/l	100
14) Allyl chloride	5.012	41	14620	4.739	ug/l	95
15) Acrylonitrile	5.718	53	22170	25.224	ug/l	97
16) Acetone	4.436	43	22641	23.401	ug/l	97
17) Carbon Disulfide	4.694	76	23486	4.850	ug/l #	90
18) Methyl Acetate	5.030	43	12028	4.269	ug/l #	52
19) Methyl tert-butyl Ether	5.794	73	30995	4.948	ug/l	96
20) Methylene Chloride	5.271	84	9932	5.016	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	9883	5.327	ug/l	89
22) Diisopropyl ether	6.671	45	31379	4.941	ug/l #	94
23) Vinyl Acetate	6.600	43	111530	23.983	ug/l	96
24) 1,1-Dichloroethane	6.559	63	18651	5.098	ug/l	97
25) 2-Butanone	7.488	43	30455	23.949	ug/l	98
26) 2,2-Dichloropropane	7.482	77	15899	4.719	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	10345	4.697	ug/l	93
28) Bromochloromethane	7.812	49	8604	5.585	ug/l #	93
29) Tetrahydrofuran	7.835	42	18481	24.578	ug/l	97
30) Chloroform	7.965	83	19593	5.044	ug/l #	82
31) Cyclohexane	8.253	56	19910	5.708	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	18099	5.068	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	13233	4.903	ug/l	99
37) Ethyl Acetate	7.559	43	12012	4.903	ug/l	97
38) Carbon Tetrachloride	8.359	117	15245	4.979	ug/l	98
39) Methylcyclohexane	9.600	83	14125	4.598	ug/l	87
40) Benzene	8.600	78	38828	4.780	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	6706	4.628	ug/l	93
42) 1,2-Dichloroethane	8.665	62	14954	4.926	ug/l	98
43) Isopropyl Acetate	8.688	43	21656	4.878	ug/l	98
44) Trichloroethene	9.353	130	8567	4.554	ug/l	97
45) 1,2-Dichloropropane	9.623	63	9662	4.921	ug/l	95
46) Dibromomethane	9.706	93	6877	5.001	ug/l	99
47) Bromodichloromethane	9.888	83	14350	4.821	ug/l	98
48) Methyl methacrylate	9.682	41	10187	4.837	ug/l	97
49) 1,4-Dioxane	9.700	88	3281	94.692	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	58309	24.128	ug/l	98
52) Toluene	10.629	92	24590	4.949	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	14280	4.733	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	14921	4.709	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	9040	4.873	ug/l	97
56) Ethyl methacrylate	10.870	69	13310	4.664	ug/l	97
57) 1,3-Dichloropropane	11.165	76	16337	5.124	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	24698	24.016	ug/l	99
59) 2-Hexanone	11.194	43	43752	24.475	ug/l	95
60) Dibromochloromethane	11.353	129	9573	4.611	ug/l	99
61) 1,2-Dibromoethane	11.470	107	8641	4.671	ug/l	98
64) Tetrachloroethene	11.100	164	8021	5.116	ug/l	85
65) Chlorobenzene	11.888	112	26054	4.973	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	8646	4.760	ug/l	94
67) Ethyl Benzene	11.965	91	44539	4.785	ug/l	97
68) m/p-Xylenes	12.070	106	32437	9.387	ug/l	99
69) o-Xylene	12.400	106	15741	4.706	ug/l	96
70) Styrene	12.412	104	25276	4.604	ug/l	96
71) Bromoform	12.576	173	6062	4.953	ug/l #	98
73) Isopropylbenzene	12.694	105	40756	4.923	ug/l	95
74) N-amyl acetate	12.494	43	17318	4.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	12643	5.197	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	11052m	5.118	ug/l	
77) Bromobenzene	12.976	156	10137	5.087	ug/l	97
78) n-propylbenzene	13.035	91	46229	4.799	ug/l	100
79) 2-Chlorotoluene	13.123	91	30899	5.030	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	33407	4.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4486	5.441	ug/l	92
82) 4-Chlorotoluene	13.217	91	31603	5.126	ug/l	99
83) tert-Butylbenzene	13.435	119	29174	4.777	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	34076	4.860	ug/l	97
85) sec-Butylbenzene	13.617	105	39964	4.934	ug/l	97
86) p-Isopropyltoluene	13.729	119	33478	4.931	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	19101	5.079	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	19522	5.126	ug/l	96
89) n-Butylbenzene	14.053	91	28757	4.718	ug/l	99
90) Hexachloroethane	14.335	117	6701	4.910	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	18983	5.230	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2490	5.135	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	9707	4.983	ug/l	98
94) Hexachlorobutadiene	15.500	225	3988	4.821	ug/l	93
95) Naphthalene	15.641	128	29769	5.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	9363	5.030	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

