

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084380.D
 Acq On : 10 Oct 2024 11:07
 Operator : JC\MD
 Sample : VN1010WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112797	47.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	8.165	113	87939	47.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	10.565	98	327156	48.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.000%		
62) 4-Bromofluorobenzene	12.847	95	114939	46.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35612	18.640	ug/l	89
3) Chloromethane	2.360	50	40427	18.532	ug/l	95
4) Vinyl Chloride	2.512	62	39495	18.691	ug/l	93
5) Bromomethane	2.954	94	25323	18.168	ug/l	98
6) Chloroethane	3.118	64	28432	18.787	ug/l	99
7) Trichlorofluoromethane	3.495	101	66170	20.110	ug/l	96
8) Diethyl Ether	3.959	74	23001	18.847	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	38800	20.579	ug/l	98
10) Methyl Iodide	4.583	142	43959	18.105	ug/l	93
11) Tert butyl alcohol	5.530	59	39666	100.449	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	35865	19.721	ug/l	98
13) Acrolein	4.177	56	41596	91.755	ug/l	98
14) Allyl chloride	5.024	41	58639	18.566	ug/l	92
15) Acrylonitrile	5.724	53	109296	109.602	ug/l	97
16) Acetone	4.430	43	114982	111.766	ug/l	94
17) Carbon Disulfide	4.718	76	96502	16.760	ug/l	97
18) Methyl Acetate	5.024	43	52951	23.615	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	123885	20.183	ug/l	97
20) Methylene Chloride	5.271	84	43202	20.658	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	38010	19.950	ug/l	92
22) Diisopropyl ether	6.671	45	135662	20.766	ug/l	98
23) Vinyl Acetate	6.600	43	491864	101.509	ug/l	100
24) 1,1-Dichloroethane	6.565	63	76243	20.869	ug/l	100
25) 2-Butanone	7.489	43	152122	108.565	ug/l	97
26) 2,2-Dichloropropane	7.489	77	66871	20.300	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	45089	19.584	ug/l	99
28) Bromochloromethane	7.812	49	35449	21.747	ug/l	100
29) Tetrahydrofuran	7.842	42	95994	111.014	ug/l	99
30) Chloroform	7.965	83	79335	20.905	ug/l	99
31) Cyclohexane	8.253	56	63548	17.915	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	69833	20.489	ug/l	97
36) 1,1-Dichloropropene	8.371	75	52677	19.778	ug/l	99
37) Ethyl Acetate	7.559	43	58850	21.538	ug/l	99
38) Carbon Tetrachloride	8.359	117	60848	20.827	ug/l	95
39) Methylcyclohexane	9.600	83	53901	18.183	ug/l	95
40) Benzene	8.606	78	172345	20.769	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30896	20.828	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57132	20.308	ug/l	98
43) Isopropyl Acetate	8.689	43	100884	18.850	ug/l	98
44) Trichloroethene	9.347	130	39591	20.427	ug/l	97
45) 1,2-Dichloropropane	9.618	63	42421	21.610	ug/l	99
46) Dibromomethane	9.706	93	29711	22.428	ug/l	99
47) Bromodichloromethane	9.888	83	62971	21.396	ug/l	99
48) Methyl methacrylate	9.683	41	45212	21.221	ug/l	97
49) 1,4-Dioxane	9.694	88	18122	462.029	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	296291	113.907	ug/l	99
52) Toluene	10.630	92	105456	20.840	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	62024	20.674	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	67351	20.871	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	40144	22.129	ug/l	97
56) Ethyl methacrylate	10.871	69	61662	20.657	ug/l	96
57) 1,3-Dichloropropane	11.165	76	68184	21.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	136111	98.296	ug/l	98
59) 2-Hexanone	11.194	43	223100	114.755	ug/l	100
60) Dibromochloromethane	11.359	129	47241	22.040	ug/l	100
61) 1,2-Dibromoethane	11.471	107	39889	21.162	ug/l	100
64) Tetrachloroethene	11.100	164	33623	19.208	ug/l	97
65) Chlorobenzene	11.888	112	112436	20.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40708	21.209	ug/l	97
67) Ethyl Benzene	11.965	91	194263	19.713	ug/l	98
68) m/p-Xylenes	12.071	106	150318	41.236	ug/l	100
69) o-Xylene	12.394	106	70650	20.485	ug/l	100
70) Styrene	12.412	104	120860	20.689	ug/l	98
71) Bromoform	12.577	173	30944	21.898	ug/l #	100
73) Isopropylbenzene	12.694	105	179653	19.285	ug/l	99
74) N-amyl acetate	12.494	43	80577	19.101	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	60722	21.677	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	50582m	20.295	ug/l	
77) Bromobenzene	12.976	156	44424	19.769	ug/l	98
78) n-propylbenzene	13.035	91	217568	20.157	ug/l	99
79) 2-Chlorotoluene	13.124	91	137908	20.023	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	152436	20.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21099	20.296	ug/l	97
82) 4-Chlorotoluene	13.218	91	138399	19.962	ug/l	100
83) tert-Butylbenzene	13.435	119	130822	19.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	157345	20.554	ug/l	99
85) sec-Butylbenzene	13.618	105	182472	20.246	ug/l	99
86) p-Isopropyltoluene	13.729	119	148053	19.865	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83572	19.825	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82005	19.263	ug/l	99
89) n-Butylbenzene	14.053	91	125298	18.541	ug/l	99
90) Hexachloroethane	14.329	117	30158	19.935	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	80860	19.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12508	21.638	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	37506	18.421	ug/l	96
94) Hexachlorobutadiene	15.494	225	17663	17.396	ug/l	99
95) Naphthalene	15.641	128	124557	18.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38198	18.743	ug/l	100

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

