

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084970.D
 Acq On : 20 Nov 2024 15:45
 Operator : JC\MD
 Sample : VN1120WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:40:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108233	45.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.165	113	85764	45.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	10.565	98	304145	43.749	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.500%		
62) 4-Bromofluorobenzene	12.847	95	120032	46.198	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	32313	17.248	ug/l	91
3) Chloromethane	2.359	50	36877	15.012	ug/l	98
4) Vinyl Chloride	2.512	62	34441	17.093	ug/l	91
5) Bromomethane	2.900	94	17467	16.361	ug/l	94
6) Chloroethane	3.065	64	22983	17.521	ug/l	90
7) Trichlorofluoromethane	3.459	101	55477	16.714	ug/l	98
8) Diethyl Ether	3.953	74	19431	16.595	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.347	101	31286	16.681	ug/l	97
10) Methyl Iodide	4.577	142	42680	17.027	ug/l	99
11) Tert butyl alcohol	5.547	59	30218	97.262	ug/l	97
12) 1,1-Dichloroethene	4.318	96	29423	15.855	ug/l	95
13) Acrolein	4.177	56	28066	90.592	ug/l	96
14) Allyl chloride	5.006	41	50050	16.630	ug/l	93
15) Acrylonitrile	5.718	53	83968	93.358	ug/l	99
16) Acetone	4.430	43	70097	101.403	ug/l	97
17) Carbon Disulfide	4.694	76	84525	14.790	ug/l	99
18) Methyl Acetate	5.024	43	45554	15.595	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	98667	17.346	ug/l	99
20) Methylene Chloride	5.265	84	34963	16.889	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	29837	15.658	ug/l	98
22) Diisopropyl ether	6.671	45	100404	16.789	ug/l	96
23) Vinyl Acetate	6.600	43	381194	92.432	ug/l	99
24) 1,1-Dichloroethane	6.565	63	61307	17.075	ug/l	99
25) 2-Butanone	7.483	43	111998	101.993	ug/l	96
26) 2,2-Dichloropropane	7.488	77	52592	16.830	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	36312	16.319	ug/l	98
28) Bromochloromethane	7.812	49	25232	17.639	ug/l	96
29) Tetrahydrofuran	7.835	42	70861	97.271	ug/l	95
30) Chloroform	7.959	83	63092	17.265	ug/l	97
31) Cyclohexane	8.259	56	51134	15.736	ug/l	95
32) 1,1,1-Trichloroethane	8.159	97	56629	17.026	ug/l	95
36) 1,1-Dichloropropene	8.371	75	41027	15.675	ug/l	99
37) Ethyl Acetate	7.565	43	42529	17.909	ug/l	97
38) Carbon Tetrachloride	8.359	117	50027	17.100	ug/l	96
39) Methylcyclohexane	9.600	83	43906	16.489	ug/l	95
40) Benzene	8.600	78	135050	16.067	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23886	18.704	ug/l	97
42) 1,2-Dichloroethane	8.665	62	46467	17.069	ug/l	100
43) Isopropyl Acetate	8.688	43	113682	25.438	ug/l #	87
44) Trichloroethene	9.353	130	31011	15.997	ug/l	98
45) 1,2-Dichloropropane	9.618	63	33450	16.964	ug/l	98
46) Dibromomethane	9.706	93	23629	16.983	ug/l	99
47) Bromodichloromethane	9.882	83	48606	16.573	ug/l	97
48) Methyl methacrylate	9.682	41	33924	18.355	ug/l	96
49) 1,4-Dioxane	9.694	88	12884	393.392	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	224753	99.280	ug/l	100
52) Toluene	10.629	92	83276	16.940	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	47355	15.598	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	50371	15.677	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	31410	16.962	ug/l	98
56) Ethyl methacrylate	10.876	69	48338	18.046	ug/l	97
57) 1,3-Dichloropropane	11.159	76	54957	17.292	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	114277	91.174	ug/l	100
59) 2-Hexanone	11.194	43	164054	99.559	ug/l	99
60) Dibromochloromethane	11.359	129	36351	17.224	ug/l	100
61) 1,2-Dibromoethane	11.471	107	32450	17.112	ug/l	99
64) Tetrachloroethene	11.100	164	25212	15.587	ug/l	95
65) Chlorobenzene	11.894	112	88125	16.199	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	32381	17.112	ug/l	98
67) Ethyl Benzene	11.965	91	145750	16.050	ug/l	99
68) m/p-Xylenes	12.070	106	115267	33.528	ug/l	100
69) o-Xylene	12.394	106	54676	17.001	ug/l	97
70) Styrene	12.412	104	90680	16.163	ug/l	99
71) Bromoform	12.576	173	24769	17.395	ug/l #	98
73) Isopropylbenzene	12.694	105	134065	15.805	ug/l	98
74) N-amyl acetate	12.494	43	61660	17.079	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	47681	16.840	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40815m	16.868	ug/l	
77) Bromobenzene	12.976	156	33051	14.494	ug/l	97
78) n-propylbenzene	13.035	91	156349	15.729	ug/l	99
79) 2-Chlorotoluene	13.123	91	104038	16.018	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	116408	16.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15322m	15.023	ug/l	
82) 4-Chlorotoluene	13.217	91	100241	14.665	ug/l	99
83) tert-Butylbenzene	13.435	119	99031	17.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	118095	16.275	ug/l	100
85) sec-Butylbenzene	13.612	105	127493	15.512	ug/l	99
86) p-Isopropyltoluene	13.729	119	104335	15.478	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63122	14.183	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	61674	14.351	ug/l	99
89) n-Butylbenzene	14.059	91	82811	13.133	ug/l	99
90) Hexachloroethane	14.329	117	23051	15.334	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	62227	14.551	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9484	16.534	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	27394	11.703	ug/l	93
94) Hexachlorobutadiene	15.500	225	13846	13.470	ug/l	97
95) Naphthalene	15.641	128	92180	13.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	27885	12.272	ug/l	98

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

