

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084631.D
 Acq On : 01 Nov 2024 12:08
 Operator : JC\MD
 Sample : VN1101WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS01

Quant Time: Nov 04 04:24:13 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122248	44.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.640%		
35) Dibromofluoromethane	8.165	113	97927	45.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	10.565	98	368236	46.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.180%		
62) 4-Bromofluorobenzene	12.847	95	140490	47.047	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42141	19.193	ug/l	100
3) Chloromethane	2.359	50	46710	16.439	ug/l	100
4) Vinyl Chloride	2.507	62	44544	18.862	ug/l	97
5) Bromomethane	2.901	94	22475	17.963	ug/l	97
6) Chloroethane	3.077	64	27854	18.166	ug/l	99
7) Trichlorofluoromethane	3.471	101	73135	18.800	ug/l	91
8) Diethyl Ether	3.959	74	24492	17.848	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	42530	19.348	ug/l	97
10) Methyl Iodide	4.583	142	53226	18.118	ug/l	96
11) Tert butyl alcohol	5.542	59	31560	86.672	ug/l	97
12) 1,1-Dichloroethene	4.330	96	38487	17.695	ug/l	98
13) Acrolein	4.177	56	36832	101.438	ug/l	98
14) Allyl chloride	5.018	41	65987	18.707	ug/l	91
15) Acrylonitrile	5.718	53	103209	97.908	ug/l	98
16) Acetone	4.436	43	77869	95.962	ug/l	97
17) Carbon Disulfide	4.700	76	112044	16.728	ug/l	98
18) Methyl Acetate	5.024	43	54615	16.052	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	127569	19.135	ug/l	94
20) Methylene Chloride	5.271	84	46004	18.961	ug/l	82
21) trans-1,2-Dichloroethene	5.777	96	41275	18.481	ug/l	96
22) Diisopropyl ether	6.671	45	136454	19.469	ug/l	98
23) Vinyl Acetate	6.600	43	469366	97.108	ug/l	97
24) 1,1-Dichloroethane	6.565	63	80215	19.063	ug/l	98
25) 2-Butanone	7.477	43	124468	96.713	ug/l	98
26) 2,2-Dichloropropane	7.489	77	70266	19.185	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	48039	18.421	ug/l	98
28) Bromochloromethane	7.806	49	36023	21.487	ug/l	93
29) Tetrahydrofuran	7.836	42	84907	99.446	ug/l	97
30) Chloroform	7.965	83	83941	19.599	ug/l	97
31) Cyclohexane	8.253	56	69789	18.324	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	75478	19.362	ug/l	98
36) 1,1-Dichloropropene	8.365	75	54975	18.275	ug/l	99
37) Ethyl Acetate	7.559	43	55210	20.228	ug/l	97
38) Carbon Tetrachloride	8.359	117	66382	19.742	ug/l	98
39) Methylcyclohexane	9.600	83	56415	18.434	ug/l	98
40) Benzene	8.606	78	181197	18.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30555	20.818	ug/l	97
42) 1,2-Dichloroethane	8.665	62	60923	19.472	ug/l	100
43) Isopropyl Acetate	8.688	43	91436	17.507	ug/l	97
44) Trichloroethene	9.347	130	41099	18.446	ug/l	100
45) 1,2-Dichloropropane	9.618	63	43224	19.073	ug/l	99
46) Dibromomethane	9.706	93	30391	19.005	ug/l	96
47) Bromodichloromethane	9.888	83	64821	19.230	ug/l #	96
48) Methyl methacrylate	9.677	41	42680	20.092	ug/l	98
49) 1,4-Dioxane	9.694	88	15461	410.740	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	272747	104.826	ug/l	99
52) Toluene	10.630	92	113778	20.137	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61679	17.677	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	69008	18.686	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42540	19.987	ug/l	95
56) Ethyl methacrylate	10.877	69	62329	20.246	ug/l	97
57) 1,3-Dichloropropane	11.159	76	71264	19.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137645	95.550	ug/l	99
59) 2-Hexanone	11.194	43	201434	106.361	ug/l	99
60) Dibromochloromethane	11.359	129	49329	20.336	ug/l	100
61) 1,2-Dibromoethane	11.465	107	41441	19.014	ug/l	100
64) Tetrachloroethene	11.106	164	35660	18.628	ug/l	99
65) Chlorobenzene	11.888	112	117685	18.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	42403	18.934	ug/l	99
67) Ethyl Benzene	11.965	91	202367	18.829	ug/l	98
68) m/p-Xylenes	12.071	106	158415	38.934	ug/l	99
69) o-Xylene	12.394	106	75949	19.953	ug/l	98
70) Styrene	12.412	104	128771	19.394	ug/l	99
71) Bromoform	12.576	173	31965	18.968	ug/l #	97
73) Isopropylbenzene	12.694	105	190126	18.450	ug/l	99
74) N-amyl acetate	12.494	43	79438	18.112	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	62261	18.101	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	49964m	16.997	ug/l	
77) Bromobenzene	12.982	156	48929	17.662	ug/l	93
78) n-propylbenzene	13.035	91	220072	18.224	ug/l	98
79) 2-Chlorotoluene	13.123	91	145506	18.441	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	164177	19.222	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24782	20.001	ug/l #	84
82) 4-Chlorotoluene	13.218	91	146733	17.670	ug/l	98
83) tert-Butylbenzene	13.435	119	138949	19.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	169251	19.200	ug/l	99
85) sec-Butylbenzene	13.618	105	185297	18.558	ug/l	100
86) p-Isopropyltoluene	13.729	119	157950	19.288	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	91095	16.849	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	89211	17.266	ug/l	99
89) n-Butylbenzene	14.059	91	126030	16.453	ug/l	99
90) Hexachloroethane	14.335	117	31832	17.431	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	88346	17.005	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12487	17.920	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	41786	14.695	ug/l	98
94) Hexachlorobutadiene	15.500	225	19729	15.799	ug/l	98
95) Naphthalene	15.641	128	130709	15.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42159	15.273	ug/l	99

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

