

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084729.D
 Acq On : 07 Nov 2024 18:22
 Operator : JC\MD
 Sample : VN1107WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBS02

Quant Time: Nov 08 03:19:27 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 :Semsettin Yesilyurt 11/08/2024
 Supervised By :Mahesh Dadoda 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135819	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	124536	48.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.165	113	99586	48.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.565	98	377609	50.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.847	95	145657	51.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	38543	18.912	ug/l	95
3) Chloromethane	2.359	50	44450	16.920	ug/l	99
4) Vinyl Chloride	2.512	62	42123	19.216	ug/l	99
5) Bromomethane	2.900	94	22669	19.518	ug/l	98
6) Chloroethane	3.071	64	28618	20.261	ug/l	98
7) Trichlorofluoromethane	3.471	101	71160	19.707	ug/l	96
8) Diethyl Ether	3.953	74	28076	22.041	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	39991	19.600	ug/l	98
10) Methyl Iodide	4.577	142	57422	21.057	ug/l	100
11) Tert butyl alcohol	5.536	59	34667	102.567	ug/l	99
12) 1,1-Dichloroethene	4.324	96	39379	19.505	ug/l	93
13) Acrolein	4.171	56	26108	77.463	ug/l	97
14) Allyl chloride	5.006	41	67513	20.620	ug/l	90
15) Acrylonitrile	5.718	53	106307	108.645	ug/l	99
16) Acetone	4.430	43	84001	111.991	ug/l	100
17) Carbon Disulfide	4.700	76	105420	16.956	ug/l	97
18) Methyl Acetate	5.024	43	55191	17.861	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	137050	22.147	ug/l	96
20) Methylene Chloride	5.271	84	47068	20.900	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	41313	19.928	ug/l	98
22) Diisopropyl ether	6.671	45	142237	21.863	ug/l	97
23) Vinyl Acetate	6.600	43	485176	108.141	ug/l	99
24) 1,1-Dichloroethane	6.565	63	81740	20.927	ug/l	98
25) 2-Butanone	7.482	43	129674	108.549	ug/l	99
26) 2,2-Dichloropropane	7.482	77	67970	19.993	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	51061	21.094	ug/l	97
28) Bromochloromethane	7.812	49	34991	22.485	ug/l	94
29) Tetrahydrofuran	7.835	42	85649	108.071	ug/l	96
30) Chloroform	7.965	83	86058	21.647	ug/l	96
31) Cyclohexane	8.253	56	65184	18.439	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	76478	21.135	ug/l	99
36) 1,1-Dichloropropene	8.365	75	55571	19.570	ug/l	100
37) Ethyl Acetate	7.559	43	56702	22.009	ug/l	98
38) Carbon Tetrachloride	8.359	117	64482	20.316	ug/l	96
39) Methylcyclohexane	9.600	83	55712	19.286	ug/l	98
40) Benzene	8.606	78	184937	20.280	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	30359	21.913	ug/l	94
42) 1,2-Dichloroethane	8.665	62	62696	21.229	ug/l	97
43) Isopropyl Acetate	8.688	43	100771	20.605	ug/l	100
44) Trichloroethene	9.353	130	42300	20.113	ug/l	97
45) 1,2-Dichloropropane	9.618	63	44573	20.836	ug/l	98
46) Dibromomethane	9.706	93	32222	21.346	ug/l	98
47) Bromodichloromethane	9.882	83	66333	20.847	ug/l #	99
48) Methyl methacrylate	9.682	41	44577	22.232	ug/l	94
49) 1,4-Dioxane	9.700	88	16558	466.005	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	275305	112.093	ug/l	96
52) Toluene	10.629	92	115990	21.748	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	67454	20.480	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	72259	20.729	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	44850	22.324	ug/l	96
56) Ethyl methacrylate	10.876	69	66871	23.011	ug/l	98
57) 1,3-Dichloropropane	11.159	76	75628	21.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	135042	99.310	ug/l	97
59) 2-Hexanone	11.194	43	199679	111.695	ug/l	97
60) Dibromochloromethane	11.359	129	52770	23.047	ug/l	98
61) 1,2-Dibromoethane	11.465	107	42695	20.753	ug/l	95
64) Tetrachloroethene	11.106	164	37569	20.597	ug/l	95
65) Chlorobenzene	11.888	112	124716	20.329	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	45867	21.494	ug/l	95
67) Ethyl Benzene	11.965	91	212651	20.766	ug/l	100
68) m/p-Xylenes	12.070	106	164446	42.417	ug/l	99
69) o-Xylene	12.400	106	79499	21.920	ug/l	98
70) Styrene	12.412	104	136577	21.588	ug/l	98
71) Bromoform	12.576	173	34717	21.621	ug/l #	97
73) Isopropylbenzene	12.694	105	199336	20.943	ug/l	100
74) N-amyl acetate	12.494	43	84517	20.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63303	19.926	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	54265m	19.987	ug/l	
77) Bromobenzene	12.982	156	51629	20.178	ug/l	95
78) n-propylbenzene	13.035	91	230501	20.667	ug/l	99
79) 2-Chlorotoluene	13.123	91	153474	21.059	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	173269	21.965	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21485	18.774	ug/l	97
82) 4-Chlorotoluene	13.217	91	151234	19.719	ug/l	97
83) tert-Butylbenzene	13.435	119	146889	22.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	176310	21.655	ug/l	99
85) sec-Butylbenzene	13.617	105	190629	20.670	ug/l	100
86) p-Isopropyltoluene	13.729	119	163188	21.576	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	94198	18.864	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	95408	20.145	ug/l	100
89) n-Butylbenzene	14.059	91	132669	18.752	ug/l	98
90) Hexachloroethane	14.335	117	31500	18.676	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	95084	19.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12452	19.347	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	47294	18.007	ug/l	99
94) Hexachlorobutadiene	15.500	225	20574	17.838	ug/l	97
95) Naphthalene	15.641	128	146624	18.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	46694	18.315	ug/l	98

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

