

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084582.D
 Acq On : 30 Oct 2024 21:46
 Operator : JC\MD
 Sample : VN1030WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Quant Time: Nov 01 04:55:22 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 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124867	49.247	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	8.165	113	98988	48.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	10.565	98	347175	46.026	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.060%		
62) 4-Bromofluorobenzene	12.847	95	132288	46.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43792	21.700	ug/l	95
3) Chloromethane	2.359	50	56728	22.574	ug/l	95
4) Vinyl Chloride	2.512	62	52786	24.319	ug/l	98
5) Bromomethane	2.901	94	26750	23.260	ug/l	97
6) Chloroethane	3.083	64	36182	26.267	ug/l	99
7) Trichlorofluoromethane	3.477	101	77296	21.618	ug/l	96
8) Diethyl Ether	3.959	74	31124	24.676	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	41945	20.761	ug/l	97
10) Methyl Iodide	4.577	142	64914	24.041	ug/l	98
11) Tert butyl alcohol	5.530	59	35202	105.181	ug/l	99
12) 1,1-Dichloroethene	4.324	96	44668	22.344	ug/l	95
13) Acrolein	4.177	56	24902	74.617	ug/l	98
14) Allyl chloride	5.012	41	75310	23.229	ug/l	92
15) Acrylonitrile	5.712	53	115959	119.683	ug/l	98
16) Acetone	4.430	43	90311	121.844	ug/l	100
17) Carbon Disulfide	4.700	76	131075	21.291	ug/l	95
18) Methyl Acetate	5.018	43	61701	20.725	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	150976	24.639	ug/l	99
20) Methylene Chloride	5.265	84	54726	24.541	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	47569	23.173	ug/l	97
22) Diisopropyl ether	6.671	45	167914	26.065	ug/l	98
23) Vinyl Acetate	6.600	43	547313	123.199	ug/l	97
24) 1,1-Dichloroethane	6.565	63	95320	24.646	ug/l	98
25) 2-Butanone	7.477	43	142090	120.121	ug/l	98
26) 2,2-Dichloropropane	7.483	77	63434	18.844	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	57154	23.845	ug/l	96
28) Bromochloromethane	7.812	49	34536	22.413	ug/l	98
29) Tetrahydrofuran	7.836	42	94524	120.451	ug/l	98
30) Chloroform	7.965	83	98125	24.927	ug/l	100
31) Cyclohexane	8.253	56	68747	19.639	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	83852	23.403	ug/l	98
36) 1,1-Dichloropropene	8.371	75	60760	21.395	ug/l	98
37) Ethyl Acetate	7.559	43	63118	24.497	ug/l	99
38) Carbon Tetrachloride	8.359	117	70074	22.076	ug/l	96
39) Methylcyclohexane	9.600	83	55126	19.081	ug/l	99
40) Benzene	8.600	78	213095	23.365	ug/l	100

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41) Methacrylonitrile	7.771	41	33524	24.195	ug/l	96
42) 1,2-Dichloroethane	8.671	62	72655	24.598	ug/l	99
43) Isopropyl Acetate	8.688	43	105697	21.658	ug/l	97
44) Trichloroethene	9.347	130	46656	22.182	ug/l	99
45) 1,2-Dichloropropane	9.618	63	51678	24.155	ug/l	100
46) Dibromomethane	9.706	93	36084	23.902	ug/l	98
47) Bromodichloromethane	9.883	83	76129	23.923	ug/l	91
48) Methyl methacrylate	9.683	41	47802	23.838	ug/l	97
49) 1,4-Dioxane	9.694	88	16847	474.093	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	304508	123.971	ug/l	100
52) Toluene	10.630	92	127170	23.842	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	72490	22.007	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	78731	22.583	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	49371	24.572	ug/l	94
56) Ethyl methacrylate	10.871	69	73027	25.127	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83692	24.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139589	102.644	ug/l	97
59) 2-Hexanone	11.194	43	217160	121.462	ug/l	100
60) Dibromochloromethane	11.359	129	57827	25.253	ug/l	97
61) 1,2-Dibromoethane	11.471	107	49351	23.986	ug/l	98
64) Tetrachloroethene	11.100	164	38885	21.690	ug/l	98
65) Chlorobenzene	11.888	112	128484	21.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48667	23.204	ug/l	99
67) Ethyl Benzene	11.965	91	217205	21.581	ug/l	99
68) m/p-Xylenes	12.071	106	166809	43.777	ug/l	99
69) o-Xylene	12.394	106	81403	22.837	ug/l	100
70) Styrene	12.406	104	142847	22.973	ug/l	99
71) Bromoform	12.576	173	36923	23.396	ug/l #	98
73) Isopropylbenzene	12.694	105	193097	20.655	ug/l	98
74) N-amyl acetate	12.494	43	88581	22.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67242	21.549	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	61906m	23.214	ug/l	
77) Bromobenzene	12.976	156	52997	21.087	ug/l	97
78) n-propylbenzene	13.035	91	223094	20.364	ug/l	98
79) 2-Chlorotoluene	13.123	91	152448	21.297	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	170967	22.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21477	19.107	ug/l	99
82) 4-Chlorotoluene	13.218	91	154461	20.504	ug/l	99
83) tert-Butylbenzene	13.435	119	140137	21.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	176820	22.111	ug/l	99
85) sec-Butylbenzene	13.618	105	181580	20.046	ug/l	100
86) p-Isopropyltoluene	13.729	119	152470	20.524	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	95563	19.484	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	95385	20.522	ug/l	98
89) n-Butylbenzene	14.053	91	123487	17.770	ug/l	99
90) Hexachloroethane	14.335	117	31135	18.793	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97384	20.662	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13348	21.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	45330	17.572	ug/l	100
94) Hexachlorobutadiene	15.500	225	17838	15.746	ug/l	97
95) Naphthalene	15.641	128	147448	19.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	45436	18.144	ug/l	98

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

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