

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084199.D
 Acq On : 27 Sep 2024 13:30
 Operator : JC\MD
 Sample : VN0927WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBS01

Quant Time: Sep 28 00:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113762	50.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	86567	52.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	10.565	98	311210	54.781	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.560%			
62) 4-Bromofluorobenzene	12.847	95	118102	50.388	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30947	17.683	ug/l	97
3) Chloromethane	2.359	50	35083	18.466	ug/l	100
4) Vinyl Chloride	2.518	62	36490	19.022	ug/l	97
5) Bromomethane	2.965	94	22953	20.840	ug/l	95
6) Chloroethane	3.124	64	23882	17.748	ug/l	97
7) Trichlorofluoromethane	3.495	101	63511	19.505	ug/l	99
8) Diethyl Ether	3.959	74	23161	21.219	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	37945	21.985	ug/l	98
10) Methyl Iodide	4.589	142	43866	19.984	ug/l	96
11) Tert butyl alcohol	5.524	59	37255	122.435	ug/l	99
12) 1,1-Dichloroethene	4.348	96	34129	20.939	ug/l	87
13) Acrolein	4.177	56	26152	87.107	ug/l	99
14) Allyl chloride	5.024	41	57226	19.704	ug/l	97
15) Acrylonitrile	5.718	53	104517	126.304	ug/l	98
16) Acetone	4.424	43	124311	136.468	ug/l	99
17) Carbon Disulfide	4.712	76	76197	16.712	ug/l	97
18) Methyl Acetate	5.030	43	52463	26.780	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	127616	21.636	ug/l	99
20) Methylene Chloride	5.277	84	41503	22.265	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	35307	20.212	ug/l	97
22) Diisopropyl ether	6.671	45	142942	23.908	ug/l	98
23) Vinyl Acetate	6.606	43	499381	114.058	ug/l	97
24) 1,1-Dichloroethane	6.565	63	77401	22.471	ug/l	98
25) 2-Butanone	7.483	43	154008	128.634	ug/l	94
26) 2,2-Dichloropropane	7.489	77	70873	22.343	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	44610	21.513	ug/l	98
28) Bromochloromethane	7.818	49	30963	21.346	ug/l	96
29) Tetrahydrofuran	7.841	42	85463	120.723	ug/l	100
30) Chloroform	7.965	83	81524	22.294	ug/l	97
31) Cyclohexane	8.253	56	61484	18.722	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	71045	21.129	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52067	21.051	ug/l	98
37) Ethyl Acetate	7.559	43	55204	24.588	ug/l	98
38) Carbon Tetrachloride	8.359	117	59560	21.225	ug/l	97
39) Methylcyclohexane	9.600	83	52388	18.608	ug/l	97
40) Benzene	8.606	78	167416	22.488	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31775	23.929	ug/l	99
42) 1,2-Dichloroethane	8.671	62	59850	21.515	ug/l	100
43) Isopropyl Acetate	8.688	43	96205	23.647	ug/l	96
44) Trichloroethene	9.353	130	39214	22.746	ug/l	92
45) 1,2-Dichloropropane	9.618	63	44281	24.610	ug/l	94
46) Dibromomethane	9.712	93	28619	22.708	ug/l	97
47) Bromodichloromethane	9.888	83	65947	24.178	ug/l	95
48) Methyl methacrylate	9.683	41	45400	23.520	ug/l	97
49) 1,4-Dioxane	9.694	88	16701	525.956	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	288037	130.059	ug/l	99
52) Toluene	10.630	92	103264	22.677	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	64752	23.421	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	68906	23.727	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	40015	23.538	ug/l	95
56) Ethyl methacrylate	10.871	69	61605	23.553	ug/l	94
57) 1,3-Dichloropropane	11.165	76	69416	23.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	126761	134.503	ug/l	98
59) 2-Hexanone	11.194	43	222558	135.852	ug/l	97
60) Dibromochloromethane	11.359	129	47780	25.113	ug/l	100
61) 1,2-Dibromoethane	11.471	107	38829	22.902	ug/l	99
64) Tetrachloroethene	11.100	164	33660	21.937	ug/l	93
65) Chlorobenzene	11.888	112	111054	21.657	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40744	22.919	ug/l	98
67) Ethyl Benzene	11.965	91	195358	21.446	ug/l	98
68) m/p-Xylenes	12.071	106	148010	43.764	ug/l	99
69) o-Xylene	12.400	106	71708	21.902	ug/l	98
70) Styrene	12.412	104	122669	22.830	ug/l	99
71) Bromoform	12.576	173	30389	25.368	ug/l #	99
73) Isopropylbenzene	12.694	105	186430	21.445	ug/l	100
74) N-amyl acetate	12.494	43	82082	22.130	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	59066	23.124	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	41530m	18.316	ug/l	
77) Bromobenzene	12.982	156	44076	21.062	ug/l	98
78) n-propylbenzene	13.035	91	220165	21.766	ug/l	99
79) 2-Chlorotoluene	13.123	91	140885	21.840	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	156277	21.322	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18551	21.428	ug/l #	85
82) 4-Chlorotoluene	13.218	91	143184	22.118	ug/l	99
83) tert-Butylbenzene	13.435	119	134006	20.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	158783	21.566	ug/l	98
85) sec-Butylbenzene	13.618	105	187019	21.991	ug/l	100
86) p-Isopropyltoluene	13.729	119	156932	22.013	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	83717	21.198	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	82761	20.696	ug/l	99
89) n-Butylbenzene	14.053	91	132416	20.688	ug/l	99
90) Hexachloroethane	14.329	117	30137	21.030	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81281	21.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10795	21.200	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	40494	19.798	ug/l	98
94) Hexachlorobutadiene	15.500	225	17742	20.426	ug/l	99
95) Naphthalene	15.641	128	120244	19.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	38779	19.839	ug/l	98

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

