

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083427.D
 Acq On : 22 Aug 2024 11:16
 Operator : JC\MD
 Sample : VN0822WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Quant Time: Aug 23 01:38:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126206	57.033	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.060%			
35) Dibromofluoromethane	8.165	113	92538	54.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	10.565	98	330741	51.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.847	95	131841	52.934	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33164	18.811	ug/l	100
3) Chloromethane	2.359	50	34907	19.340	ug/l	94
4) Vinyl Chloride	2.512	62	36931	20.052	ug/l	100
5) Bromomethane	2.906	94	18041	15.787	ug/l	95
6) Chloroethane	3.071	64	25639	22.251	ug/l	96
7) Trichlorofluoromethane	3.465	101	61840	20.325	ug/l	94
8) Diethyl Ether	3.953	74	22827	20.163	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.353	101	33568	20.012	ug/l	97
10) Methyl Iodide	4.577	142	41279	18.708	ug/l #	97
11) Tert butyl alcohol	5.542	59	34790	75.652	ug/l	98
12) 1,1-Dichloroethene	4.330	96	31266	18.143	ug/l	86
13) Acrolein	4.177	56	22811	76.108	ug/l	99
14) Allyl chloride	5.006	41	56488	17.345	ug/l	91
15) Acrylonitrile	5.718	53	84500	89.344	ug/l	99
16) Acetone	4.430	43	74936	86.543	ug/l	97
17) Carbon Disulfide	4.700	76	80583	15.981	ug/l	99
18) Methyl Acetate	5.018	43	53548	20.756	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	116331	18.702	ug/l	99
20) Methylene Chloride	5.271	84	36636	18.384	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	31531	17.703	ug/l	96
22) Diisopropyl ether	6.671	45	120870	19.745	ug/l	97
23) Vinyl Acetate	6.600	43	585092	93.248	ug/l	97
24) 1,1-Dichloroethane	6.559	63	65491	19.627	ug/l	100
25) 2-Butanone	7.483	43	110665	83.236	ug/l	93
26) 2,2-Dichloropropane	7.488	77	58937	19.020	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	39648	18.447	ug/l	93
28) Bromochloromethane	7.812	49	35430	25.982	ug/l	86
29) Tetrahydrofuran	7.841	42	70935	82.535	ug/l #	87
30) Chloroform	7.965	83	70503	20.338	ug/l	99
31) Cyclohexane	8.253	56	57896	17.655	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	63066	19.220	ug/l	96
36) 1,1-Dichloropropene	8.371	75	45884	17.711	ug/l	98
37) Ethyl Acetate	7.559	43	48115	16.587	ug/l	96
38) Carbon Tetrachloride	8.359	117	53984	18.500	ug/l	98
39) Methylcyclohexane	9.600	83	52876	16.616	ug/l	96
40) Benzene	8.600	78	148803	19.280	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27050	16.400	ug/l	96
42) 1,2-Dichloroethane	8.671	62	55465	19.728	ug/l	99
43) Isopropyl Acetate	8.688	43	90163	16.459	ug/l	96
44) Trichloroethene	9.347	130	33500	18.236	ug/l	97
45) 1,2-Dichloropropane	9.618	63	35655	19.462	ug/l	96
46) Dibromomethane	9.706	93	25346	19.329	ug/l	97
47) Bromodichloromethane	9.888	83	54953	18.664	ug/l	98
48) Methyl methacrylate	9.682	41	39431	16.442	ug/l	94
49) 1,4-Dioxane	9.694	88	13945	322.305	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	234573	85.514	ug/l	94
52) Toluene	10.629	92	89906	18.437	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	53270	17.613	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	57770	17.958	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	33902	19.399	ug/l	94
56) Ethyl methacrylate	10.876	69	56312	17.093	ug/l	90
57) 1,3-Dichloropropane	11.159	76	59344	19.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	119427	85.758	ug/l	97
59) 2-Hexanone	11.194	43	173658	81.830	ug/l	95
60) Dibromochloromethane	11.359	129	39115	18.512	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33418	18.203	ug/l	96
64) Tetrachloroethene	11.106	164	27257	17.294	ug/l	96
65) Chlorobenzene	11.888	112	93832	17.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34880	18.805	ug/l	99
67) Ethyl Benzene	11.965	91	167696	17.382	ug/l	99
68) m/p-Xylenes	12.071	106	123411	34.149	ug/l	93
69) o-Xylene	12.400	106	62639	17.574	ug/l	98
70) Styrene	12.412	104	103229	17.244	ug/l	98
71) Bromoform	12.582	173	23737	16.893	ug/l #	97
73) Isopropylbenzene	12.694	105	159577	15.653	ug/l	100
74) N-amyl acetate	12.494	43	70968	14.232	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	49830	17.282	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	42744m	15.979	ug/l	
77) Bromobenzene	12.982	156	35767	15.793	ug/l	91
78) n-propylbenzene	13.035	91	181262	15.441	ug/l	100
79) 2-Chlorotoluene	13.123	91	119464	16.052	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	135102	15.829	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	15119	12.294	ug/l	95
82) 4-Chlorotoluene	13.223	91	117480	15.737	ug/l	96
83) tert-Butylbenzene	13.435	119	117947	15.604	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	135631	15.768	ug/l	99
85) sec-Butylbenzene	13.617	105	155363	15.064	ug/l	100
86) p-Isopropyltoluene	13.729	119	130635	15.340	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	70058	16.440	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	71165	16.565	ug/l	96
89) n-Butylbenzene	14.053	91	107998	14.636	ug/l	99
90) Hexachloroethane	14.335	117	24841	15.099	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	70242	17.034	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10115	14.456	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	33160	14.354	ug/l	97
94) Hexachlorobutadiene	15.500	225	14176	13.798	ug/l	99
95) Naphthalene	15.641	128	111427	13.616	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	33679	14.733	ug/l	95

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

