

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083411.D
 Acq On : 21 Aug 2024 16:18
 Operator : JC\MD
 Sample : VN0821WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Quant Time: Aug 22 01:47:39 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 :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120660	56.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.740%			
35) Dibromofluoromethane	8.165	113	87997	54.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.120%			
50) Toluene-d8	10.565	98	314173	51.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.847	95	126156	53.298	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31448	18.606	ug/l	99
3) Chloromethane	2.359	50	31656	18.293	ug/l	96
4) Vinyl Chloride	2.512	62	33522	18.985	ug/l	98
5) Bromomethane	2.900	94	15936	14.545	ug/l	95
6) Chloroethane	3.071	64	24693	22.353	ug/l	97
7) Trichlorofluoromethane	3.471	101	60761	20.830	ug/l	94
8) Diethyl Ether	3.953	74	21849	20.129	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.353	101	33984	21.131	ug/l	98
10) Methyl Iodide	4.577	142	38452	18.176	ug/l	95
11) Tert butyl alcohol	5.541	59	38341	86.961	ug/l	95
12) 1,1-Dichloroethene	4.324	96	30196	18.276	ug/l	90
13) Acrolein	4.171	56	23589	82.091	ug/l	98
14) Allyl chloride	5.012	41	57939	18.557	ug/l	91
15) Acrylonitrile	5.724	53	89037	98.192	ug/l	99
16) Acetone	4.436	43	75501	90.948	ug/l	100
17) Carbon Disulfide	4.700	76	72465	14.989	ug/l #	95
18) Methyl Acetate	5.024	43	59101	23.895	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	121925	20.445	ug/l	98
20) Methylene Chloride	5.265	84	36782	19.252	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	31058	18.187	ug/l	95
22) Diisopropyl ether	6.671	45	123918	21.114	ug/l	95
23) Vinyl Acetate	6.600	43	575685	95.697	ug/l	96
24) 1,1-Dichloroethane	6.565	63	67242	21.019	ug/l	98
25) 2-Butanone	7.482	43	118933	93.305	ug/l	95
26) 2,2-Dichloropropane	7.488	77	58079	19.549	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	41502	20.140	ug/l	92
28) Bromochloromethane	7.812	49	24867	19.021	ug/l	86
29) Tetrahydrofuran	7.841	42	76556	92.909	ug/l	90
30) Chloroform	7.965	83	71726	21.581	ug/l	97
31) Cyclohexane	8.253	56	57763	18.372	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	66488	21.135	ug/l	94
36) 1,1-Dichloropropene	8.365	75	45922	18.651	ug/l	99
37) Ethyl Acetate	7.559	43	48966	17.762	ug/l #	94
38) Carbon Tetrachloride	8.365	117	55866	20.145	ug/l	96
39) Methylcyclohexane	9.600	83	52165	17.249	ug/l	99
40) Benzene	8.606	78	146106	19.919	ug/l	99

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41) Methacrylonitrile	7.782	41	28404	18.121	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57453	21.502	ug/l	99
43) Isopropyl Acetate	8.688	43	95950	18.652	ug/l	97
44) Trichloroethene	9.347	130	33509	19.193	ug/l	93
45) 1,2-Dichloropropane	9.623	63	36726	21.094	ug/l	98
46) Dibromomethane	9.706	93	26915	21.597	ug/l	95
47) Bromodichloromethane	9.882	83	58301	20.835	ug/l	91
48) Methyl methacrylate	9.676	41	41186	18.071	ug/l	94
49) 1,4-Dioxane	9.700	88	15166	368.835	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	252396	96.817	ug/l	94
52) Toluene	10.629	92	92058	19.864	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	55491	19.306	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	58249	19.053	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	35349	21.284	ug/l	95
56) Ethyl methacrylate	10.870	69	56929	18.182	ug/l	90
57) 1,3-Dichloropropane	11.165	76	61988	20.940	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	115982	87.634	ug/l	99
59) 2-Hexanone	11.194	43	187119	92.779	ug/l	94
60) Dibromochloromethane	11.359	129	40951	20.394	ug/l	98
61) 1,2-Dibromoethane	11.470	107	34501	19.775	ug/l	98
64) Tetrachloroethene	11.100	164	28902	19.040	ug/l	96
65) Chlorobenzene	11.894	112	98937	19.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	35111	19.654	ug/l	99
67) Ethyl Benzene	11.965	91	174920	18.825	ug/l	99
68) m/p-Xylenes	12.070	106	130351	37.450	ug/l	97
69) o-Xylene	12.400	106	65607	19.111	ug/l	99
70) Styrene	12.412	104	108062	18.742	ug/l	98
71) Bromoform	12.576	173	25310	18.702	ug/l #	97
73) Isopropylbenzene	12.694	105	169247	17.283	ug/l	100
74) N-amyl acetate	12.494	43	75283	15.716	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	53036	19.148	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	47250m	18.388	ug/l	
77) Bromobenzene	12.982	156	37588	17.279	ug/l	91
78) n-propylbenzene	13.035	91	192603	17.080	ug/l	99
79) 2-Chlorotoluene	13.123	91	126438	17.686	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	142093	17.331	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16206	13.719	ug/l	96
82) 4-Chlorotoluene	13.223	91	122777	17.121	ug/l	99
83) tert-Butylbenzene	13.441	119	125293	17.256	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	146916	17.781	ug/l	98
85) sec-Butylbenzene	13.617	105	167510	16.908	ug/l	100
86) p-Isopropyltoluene	13.729	119	138004	16.871	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	74257	18.141	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	73411	17.789	ug/l	97
89) n-Butylbenzene	14.059	91	118135	16.667	ug/l	98
90) Hexachloroethane	14.335	117	26921	17.034	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	74368	18.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10854	16.149	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	36325	16.369	ug/l	99
94) Hexachlorobutadiene	15.500	225	16090	16.303	ug/l	97
95) Naphthalene	15.641	128	122281	15.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37666	17.154	ug/l	98

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

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