

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083476.D
 Acq On : 26 Aug 2024 12:31
 Operator : JC\MD
 Sample : VN0826WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Quant Time: Aug 27 01:53:05 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 : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112002	59.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.100%			
35) Dibromofluoromethane	8.165	113	80631	57.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.380%			
50) Toluene-d8	10.565	98	284798	54.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.847	95	111323	54.772	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	25862	17.259	ug/l	99
3) Chloromethane	2.360	50	29349	19.131	ug/l	100
4) Vinyl Chloride	2.512	62	31267	19.974	ug/l	91
5) Bromomethane	2.901	94	17002	17.504	ug/l	100
6) Chloroethane	3.065	64	23954	24.459	ug/l	99
7) Trichlorofluoromethane	3.465	101	55072	21.296	ug/l	97
8) Diethyl Ether	3.959	74	20353	21.151	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.354	101	29991	21.035	ug/l	97
10) Methyl Iodide	4.577	142	39316	20.963	ug/l	97
11) Tert butyl alcohol	5.542	59	37602	96.201	ug/l	97
12) 1,1-Dichloroethene	4.324	96	28901	19.731	ug/l	81
13) Acrolein	4.171	56	25685	100.826	ug/l	97
14) Allyl chloride	5.012	41	52285	18.889	ug/l	92
15) Acrylonitrile	5.718	53	85035	105.781	ug/l	99
16) Acetone	4.430	43	72651	98.716	ug/l	98
17) Carbon Disulfide	4.701	76	75235	17.554	ug/l	99
18) Methyl Acetate	5.024	43	45347	20.681	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	113004	21.374	ug/l	97
20) Methylene Chloride	5.271	84	33938	20.037	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	28907	19.094	ug/l	99
22) Diisopropyl ether	6.677	45	113406	21.796	ug/l	95
23) Vinyl Acetate	6.600	43	589202	110.479	ug/l	96
24) 1,1-Dichloroethane	6.565	63	61725	21.764	ug/l	98
25) 2-Butanone	7.489	43	113444	100.389	ug/l	91
26) 2,2-Dichloropropane	7.489	77	54120	20.548	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38387	21.013	ug/l	93
28) Bromochloromethane	7.818	49	26343	22.729	ug/l	86
29) Tetrahydrofuran	7.842	42	76344	104.509	ug/l	89
30) Chloroform	7.965	83	64801	21.993	ug/l	95
31) Cyclohexane	8.253	56	53646	19.247	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	58912	21.123	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42979	20.329	ug/l	98
37) Ethyl Acetate	7.565	43	46963	19.839	ug/l #	93
38) Carbon Tetrachloride	8.365	117	51588	21.664	ug/l	95
39) Methylcyclohexane	9.600	83	50664	19.510	ug/l	95
40) Benzene	8.606	78	136784	21.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26594	19.759	ug/l	96
42) 1,2-Dichloroethane	8.671	62	53206	23.190	ug/l	99
43) Isopropyl Acetate	8.689	43	80915	18.285	ug/l #	92
44) Trichloroethene	9.347	130	31063	20.721	ug/l	98
45) 1,2-Dichloropropane	9.618	63	33161	22.181	ug/l	94
46) Dibromomethane	9.706	93	24059	22.483	ug/l	98
47) Bromodichloromethane	9.888	83	52204	21.727	ug/l	98
48) Methyl methacrylate	9.683	41	39123	19.991	ug/l	92
49) 1,4-Dioxane	9.694	88	14290	404.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	239022	106.778	ug/l	94
52) Toluene	10.630	92	85917	21.590	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	52685	21.346	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55921	21.302	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	32696	22.927	ug/l	98
56) Ethyl methacrylate	10.877	69	54094	20.121	ug/l	87
57) 1,3-Dichloropropane	11.165	76	57273	22.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	102570	90.257	ug/l	96
59) 2-Hexanone	11.194	43	175774	101.499	ug/l	94
60) Dibromochloromethane	11.359	129	36635	21.247	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32478	21.679	ug/l	98
64) Tetrachloroethene	11.106	164	26911	20.328	ug/l	98
65) Chlorobenzene	11.894	112	91364	20.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32924	21.134	ug/l	100
67) Ethyl Benzene	11.965	91	162264	20.024	ug/l	99
68) m/p-Xylenes	12.071	106	120779	39.789	ug/l	97
69) o-Xylene	12.400	106	59098	19.740	ug/l	98
70) Styrene	12.412	104	98164	19.523	ug/l	97
71) Bromoform	12.582	173	24015	20.348	ug/l #	99
73) Isopropylbenzene	12.694	105	153324	17.708	ug/l	100
74) N-amyl acetate	12.494	43	70127	16.558	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	48627	19.856	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43576m	19.180	ug/l	
77) Bromobenzene	12.976	156	35307	18.356	ug/l	93
78) n-propylbenzene	13.035	91	175079	17.560	ug/l	99
79) 2-Chlorotoluene	13.124	91	115386	18.254	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	130924	18.061	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	16075	15.390	ug/l	98
82) 4-Chlorotoluene	13.224	91	113884	17.961	ug/l	96
83) tert-Butylbenzene	13.441	119	112027	17.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	132558	18.145	ug/l	100
85) sec-Butylbenzene	13.618	105	153116	17.480	ug/l	99
86) p-Isopropyltoluene	13.729	119	125923	17.410	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	67273	18.588	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	67010	18.365	ug/l	97
89) n-Butylbenzene	14.053	91	106514	16.996	ug/l	98
90) Hexachloroethane	14.335	117	24991	17.885	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	68781	19.639	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10151	17.082	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	33681	17.166	ug/l	98
94) Hexachlorobutadiene	15.500	225	15000	17.190	ug/l	99
95) Naphthalene	15.641	128	113666	16.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33392	17.199	ug/l	97

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

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