

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083200.D
 Acq On : 10 Aug 2024 11:58
 Operator : JC\MD
 Sample : VN0810WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 12 01:47:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135275	56.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.160%			
35) Dibromofluoromethane	8.171	113	96449	52.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.565	98	359957	52.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.847	95	139086	51.837	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36878	19.191	ug/l	97
3) Chloromethane	2.365	50	35112	17.847	ug/l	98
4) Vinyl Chloride	2.512	62	38472	19.164	ug/l	98
5) Bromomethane	2.954	94	22606	18.148	ug/l	86
6) Chloroethane	3.118	64	23631	18.815	ug/l	96
7) Trichlorofluoromethane	3.501	101	65150	19.645	ug/l	100
8) Diethyl Ether	3.965	74	22412	18.161	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	35654	19.500	ug/l	100
10) Methyl Iodide	4.589	142	42895	17.835	ug/l	98
11) Tert butyl alcohol	5.524	59	44552	88.880	ug/l #	83
12) 1,1-Dichloroethene	4.342	96	33943	18.070	ug/l	92
13) Acrolein	4.177	56	28438	87.048	ug/l	99
14) Allyl chloride	5.024	41	64907	18.285	ug/l	90
15) Acrylonitrile	5.718	53	96313	93.425	ug/l	99
16) Acetone	4.430	43	96276	102.007	ug/l	98
17) Carbon Disulfide	4.712	76	90074	16.388	ug/l	99
18) Methyl Acetate	5.024	43	53641	19.076	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	130467	19.242	ug/l	100
20) Methylene Chloride	5.277	84	38150	17.563	ug/l	83
21) trans-1,2-Dichloroethene	5.789	96	35588	18.330	ug/l	93
22) Diisopropyl ether	6.671	45	129101	19.348	ug/l	97
23) Vinyl Acetate	6.600	43	643705m	94.118	ug/l	
24) 1,1-Dichloroethane	6.571	63	71196	19.575	ug/l	98
25) 2-Butanone	7.483	43	138199	95.362	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	66897	19.806	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	43163	18.424	ug/l	95
28) Bromochloromethane	7.818	49	30063	20.226	ug/l	88
29) Tetrahydrofuran	7.841	42	84975	90.707	ug/l #	86
30) Chloroform	7.965	83	75656	20.022	ug/l	100
31) Cyclohexane	8.259	56	65977	18.458	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	70683	19.762	ug/l	91
36) 1,1-Dichloropropene	8.371	75	52089	18.663	ug/l	99
37) Ethyl Acetate	7.559	43	54641	17.485	ug/l #	94
38) Carbon Tetrachloride	8.359	117	60402	19.215	ug/l	98
39) Methylcyclohexane	9.600	83	62304	18.175	ug/l	94
40) Benzene	8.606	78	157797	18.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30487	17.158	ug/l	94
42) 1,2-Dichloroethane	8.671	62	59959	19.797	ug/l	99
43) Isopropyl Acetate	8.688	43	98660	16.747	ug/l #	93
44) Trichloroethene	9.353	130	35945	18.163	ug/l	86
45) 1,2-Dichloropropane	9.624	63	38319	19.416	ug/l	96
46) Dibromomethane	9.712	93	27633	19.561	ug/l	100
47) Bromodichloromethane	9.888	83	60577	19.098	ug/l	98
48) Methyl methacrylate	9.682	41	46460	17.983	ug/l	94
49) 1,4-Dioxane	9.694	88	17078	366.403	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	284886	96.405	ug/l	93
52) Toluene	10.630	92	99457	18.932	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	61123	18.760	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	63904	18.440	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	37093	19.703	ug/l	96
56) Ethyl methacrylate	10.877	69	66666	18.784	ug/l	90
57) 1,3-Dichloropropane	11.165	76	65457	19.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	127028	84.673	ug/l	99
59) 2-Hexanone	11.194	43	216835	94.847	ug/l	93
60) Dibromochloromethane	11.359	129	43079	18.926	ug/l	98
61) 1,2-Dibromoethane	11.471	107	37299	18.860	ug/l	97
64) Tetrachloroethene	11.106	164	31159	18.328	ug/l	93
65) Chlorobenzene	11.894	112	105782	18.648	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	37144	18.566	ug/l	100
67) Ethyl Benzene	11.965	91	195573	18.794	ug/l	100
68) m/p-Xylenes	12.071	106	143982	36.936	ug/l	96
69) o-Xylene	12.400	106	71704	18.650	ug/l	98
70) Styrene	12.412	104	119023	18.432	ug/l	98
71) Bromoform	12.576	173	27528	18.163	ug/l #	100
73) Isopropylbenzene	12.694	105	185158	18.923	ug/l	99
74) N-amyl acetate	12.494	43	85424	17.848	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	52621	19.014	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47844m	18.634	ug/l	
77) Bromobenzene	12.982	156	40969	18.848	ug/l	95
78) n-propylbenzene	13.035	91	214421	19.031	ug/l	100
79) 2-Chlorotoluene	13.123	91	133041	18.624	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	156096	19.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19189	16.257	ug/l	99
82) 4-Chlorotoluene	13.223	91	133942	18.693	ug/l	97
83) tert-Butylbenzene	13.441	119	138076	19.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	154210	18.679	ug/l	100
85) sec-Butylbenzene	13.618	105	186943	18.885	ug/l	99
86) p-Isopropyltoluene	13.729	119	157702	19.294	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74961	18.328	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	74905	18.166	ug/l	97
89) n-Butylbenzene	14.053	91	130906	18.483	ug/l	98
90) Hexachloroethane	14.335	117	29160	18.466	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	72582	18.339	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12290	18.300	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	38795	17.496	ug/l	98
94) Hexachlorobutadiene	15.500	225	17096	17.337	ug/l	99
95) Naphthalene	15.641	128	136697	17.404	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	37862	17.257	ug/l	97

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

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