

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083555.D
 Acq On : 29 Aug 2024 14:33
 Operator : JC\MD
 Sample : VN0829WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:24:05 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	117762	57.091	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.180%			
35) Dibromofluoromethane	8.165	113	87649	55.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.100%			
50) Toluene-d8	10.565	98	305164	51.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.847	95	125969	54.400	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23519	14.312	ug/l	95
3) Chloromethane	2.359	50	27438	16.308	ug/l	89
4) Vinyl Chloride	2.512	62	30021	17.487	ug/l	99
5) Bromomethane	2.900	94	13912	13.060	ug/l	92
6) Chloroethane	3.059	64	22290m	20.753	ug/l	
7) Trichlorofluoromethane	3.459	101	54143	19.091	ug/l	95
8) Diethyl Ether	3.953	74	19705	18.672	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.347	101	30485	19.496	ug/l	98
10) Methyl Iodide	4.571	142	32551	15.826	ug/l	93
11) Tert butyl alcohol	5.547	59	37384	87.209	ug/l	98
12) 1,1-Dichloroethene	4.324	96	28048	17.460	ug/l	97
13) Acrolein	4.177	56	31174	111.581	ug/l	99
14) Allyl chloride	5.012	41	53689	17.686	ug/l	90
15) Acrylonitrile	5.724	53	82456	93.528	ug/l	99
16) Acetone	4.430	43	69069	85.573	ug/l	94
17) Carbon Disulfide	4.694	76	65743	13.987	ug/l #	94
18) Methyl Acetate	5.024	43	47568	19.780	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	112744	19.444	ug/l	97
20) Methylene Chloride	5.265	84	33341	17.949	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	28251	17.015	ug/l	88
22) Diisopropyl ether	6.671	45	110860	19.428	ug/l	97
23) Vinyl Acetate	6.600	43	579290	99.042	ug/l	97
24) 1,1-Dichloroethane	6.565	63	61022	19.619	ug/l	99
25) 2-Butanone	7.482	43	111314	89.818	ug/l	94
26) 2,2-Dichloropropane	7.482	77	54846	18.988	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	37563	18.749	ug/l	94
28) Bromochloromethane	7.812	49	26054	20.497	ug/l	86
29) Tetrahydrofuran	7.847	42	71212	88.888	ug/l #	85
30) Chloroform	7.965	83	64939	20.096	ug/l	95
31) Cyclohexane	8.253	56	52692	17.238	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	60559	19.799	ug/l	94
36) 1,1-Dichloropropene	8.371	75	41571	17.259	ug/l	96
37) Ethyl Acetate	7.559	43	45559	16.893	ug/l #	93
38) Carbon Tetrachloride	8.365	117	52148	19.222	ug/l	98
39) Methylcyclohexane	9.600	83	50411	17.040	ug/l	93
40) Benzene	8.606	78	136468	19.019	ug/l	99

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41) Methacrylonitrile	7.782	41	29206	19.046	ug/l	98
42) 1,2-Dichloroethane	8.671	62	51364	19.650	ug/l	100
43) Isopropyl Acetate	8.688	43	90271	17.866	ug/l	97
44) Trichloroethene	9.353	130	31293	18.322	ug/l	96
45) 1,2-Dichloropropane	9.623	63	32680	19.187	ug/l	91
46) Dibromomethane	9.712	93	24289	19.923	ug/l	98
47) Bromodichloromethane	9.888	83	51132	18.679	ug/l	97
48) Methyl methacrylate	9.682	41	38435	17.238	ug/l	92
49) 1,4-Dioxane	9.694	88	14277	354.925	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	238739	93.612	ug/l	93
52) Toluene	10.629	92	84466	18.630	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52342	18.614	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	54237	18.134	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	31886	19.625	ug/l	98
56) Ethyl methacrylate	10.876	69	54501	17.794	ug/l	88
57) 1,3-Dichloropropane	11.165	76	56555	19.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	116950	90.328	ug/l	94
59) 2-Hexanone	11.194	43	180848	91.661	ug/l	93
60) Dibromochloromethane	11.359	129	36678	18.671	ug/l	98
61) 1,2-Dibromoethane	11.470	107	32668	19.140	ug/l	99
64) Tetrachloroethene	11.106	164	25776	17.437	ug/l	96
65) Chlorobenzene	11.888	112	91083	18.466	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	32559	18.716	ug/l	99
67) Ethyl Benzene	11.965	91	161391	17.836	ug/l	99
68) m/p-Xylenes	12.070	106	119895	35.372	ug/l	98
69) o-Xylene	12.400	106	60667	18.147	ug/l	100
70) Styrene	12.412	104	98281	17.504	ug/l	97
71) Bromoform	12.576	173	23748	18.020	ug/l #	98
73) Isopropylbenzene	12.694	105	158442	16.011	ug/l	99
74) N-amyl acetate	12.494	43	74584	15.409	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	48872	17.461	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42775m	16.473	ug/l	
77) Bromobenzene	12.982	156	35878	16.321	ug/l	95
78) n-propylbenzene	13.035	91	173188	15.199	ug/l	99
79) 2-Chlorotoluene	13.123	91	113583	15.722	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	128016	15.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15049	12.607	ug/l	92
82) 4-Chlorotoluene	13.223	91	108345	14.951	ug/l	97
83) tert-Butylbenzene	13.441	119	116362	15.860	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	134103	16.062	ug/l	97
85) sec-Butylbenzene	13.617	105	154531	15.436	ug/l	98
86) p-Isopropyltoluene	13.729	119	124116	15.015	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	64552	15.606	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	65784	15.775	ug/l	96
89) n-Butylbenzene	14.059	91	104786	14.630	ug/l	99
90) Hexachloroethane	14.335	117	25705	16.096	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	68704	17.164	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10858	15.987	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32383	14.441	ug/l	99
94) Hexachlorobutadiene	15.500	225	14641	14.681	ug/l	97
95) Naphthalene	15.641	128	114830	14.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32585	14.685	ug/l	98

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

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