

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083324.D
 Acq On : 15 Aug 2024 12:22
 Operator : JC\MD
 Sample : VN0815WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2024
 Supervised By : Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 01:48:46 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	150560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120241	56.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.220%			
35) Dibromofluoromethane	8.171	113	84921	52.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.565	98	316463	52.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.847	95	121132	51.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	32154	18.833	ug/l	98
3) Chloromethane	2.365	50	34929	19.982	ug/l	98
4) Vinyl Chloride	2.512	62	36532	20.482	ug/l	100
5) Bromomethane	2.953	94	22174	20.035	ug/l	93
6) Chloroethane	3.124	64	23385	20.956	ug/l	90
7) Trichlorofluoromethane	3.495	101	60518	20.539	ug/l	98
8) Diethyl Ether	3.959	74	22298	20.337	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	34104	20.993	ug/l	100
10) Methyl Iodide	4.589	142	35271	16.505	ug/l #	89
11) Tert butyl alcohol	5.524	59	41886	94.048	ug/l #	82
12) 1,1-Dichloroethene	4.336	96	32132	19.252	ug/l	87
13) Acrolein	4.189	56	24041	82.824	ug/l	99
14) Allyl chloride	5.018	41	60351	19.135	ug/l	89
15) Acrylonitrile	5.718	53	99689	108.836	ug/l	99
16) Acetone	4.436	43	88373	105.385	ug/l	98
17) Carbon Disulfide	4.712	76	79303	16.239	ug/l	99
18) Methyl Acetate	5.024	43	57000	22.814	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	126432	20.987	ug/l	98
20) Methylene Chloride	5.271	84	38349	19.871	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	32938	19.095	ug/l	93
22) Diisopropyl ether	6.671	45	126208	21.288	ug/l #	97
23) Vinyl Acetate	6.606	43	623666m	102.632	ug/l	
24) 1,1-Dichloroethane	6.571	63	69218	21.420	ug/l	99
25) 2-Butanone	7.483	43	137864	107.071	ug/l	95
26) 2,2-Dichloropropane	7.494	77	60820	20.266	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41531	19.952	ug/l	94
28) Bromochloromethane	7.818	49	31264	23.674	ug/l	90
29) Tetrahydrofuran	7.841	42	89996	108.123	ug/l	88
30) Chloroform	7.971	83	74379	22.155	ug/l	97
31) Cyclohexane	8.259	56	58379	18.382	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	65499	20.611	ug/l	94
36) 1,1-Dichloropropene	8.371	75	49021	19.946	ug/l	100
37) Ethyl Acetate	7.565	43	57731	20.980	ug/l	97
38) Carbon Tetrachloride	8.365	117	56147	20.283	ug/l	96
39) Methylcyclohexane	9.600	83	57396	19.014	ug/l	91
40) Benzene	8.606	78	151093	20.637	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31450	20.101	ug/l	95
42) 1,2-Dichloroethane	8.671	62	60126	22.544	ug/l	99
43) Isopropyl Acetate	8.688	43	99288	19.406	ug/l #	96
44) Trichloroethene	9.353	130	36232	20.791	ug/l	95
45) 1,2-Dichloropropane	9.618	63	37923	21.821	ug/l	95
46) Dibromomethane	9.706	93	27038	21.736	ug/l	97
47) Bromodichloromethane	9.888	83	58822	21.060	ug/l	96
48) Methyl methacrylate	9.682	41	46185	20.301	ug/l	93
49) 1,4-Dioxane	9.694	88	18156	442.359	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	285823	109.840	ug/l	94
52) Toluene	10.629	92	95251	20.590	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	58368	20.344	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	61662	20.206	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	38603	23.285	ug/l	94
56) Ethyl methacrylate	10.876	69	63796	20.413	ug/l	90
57) 1,3-Dichloropropane	11.165	76	66274	22.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	119707	90.614	ug/l	96
59) 2-Hexanone	11.194	43	211929	105.273	ug/l	91
60) Dibromochloromethane	11.359	129	43536	21.721	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37243	21.385	ug/l	96
64) Tetrachloroethene	11.106	164	30201	19.952	ug/l	95
65) Chlorobenzene	11.894	112	104453	20.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	37540	21.074	ug/l	97
67) Ethyl Benzene	11.965	91	187759	20.264	ug/l	99
68) m/p-Xylenes	12.071	106	141607	40.800	ug/l	98
69) o-Xylene	12.400	106	68929	20.136	ug/l	99
70) Styrene	12.412	104	119622	20.806	ug/l	99
71) Bromoform	12.576	173	27306	20.235	ug/l #	98
73) Isopropylbenzene	12.694	105	179776	20.142	ug/l	99
74) N-amyl acetate	12.494	43	81763	18.728	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	53857	21.335	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	41826m	17.859	ug/l	
77) Bromobenzene	12.976	156	40618	20.486	ug/l	93
78) n-propylbenzene	13.035	91	209058	20.341	ug/l	100
79) 2-Chlorotoluene	13.123	91	132307	20.305	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	152957	20.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	18211	16.914	ug/l	99
82) 4-Chlorotoluene	13.223	91	134932	20.645	ug/l	97
83) tert-Butylbenzene	13.441	119	132666	20.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	153444	20.376	ug/l	99
85) sec-Butylbenzene	13.617	105	182895	20.255	ug/l	98
86) p-Isopropyltoluene	13.729	119	152909	20.509	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	75929	20.352	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76721	20.398	ug/l	98
89) n-Butylbenzene	14.059	91	129459	20.040	ug/l	99
90) Hexachloroethane	14.335	117	27086	18.805	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	73599	20.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11933	19.480	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	40399	19.974	ug/l	97
94) Hexachlorobutadiene	15.506	225	17063	18.970	ug/l	99
95) Naphthalene	15.641	128	140027	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39355	19.665	ug/l	96

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

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