

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082694.D
 Acq On : 24 Jun 2024 11:22
 Operator : JC\MD
 Sample : VN0624WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 02:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	151279	51.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.740%			
35) Dibromofluoromethane	8.165	113	107848	52.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.571	98	402666	51.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	133343	49.917	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44180	17.226	ug/l	99
3) Chloromethane	2.360	50	52291	17.008	ug/l	98
4) Vinyl Chloride	2.512	62	50205	17.159	ug/l	96
5) Bromomethane	2.954	94	31845	16.908	ug/l	85
6) Chloroethane	3.118	64	36033	17.271	ug/l	97
7) Trichlorofluoromethane	3.495	101	64368	16.863	ug/l	95
8) Diethyl Ether	3.965	74	22154	17.042	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37727	17.645	ug/l	99
10) Methyl Iodide	4.589	142	30805	15.125	ug/l	91
11) Tert butyl alcohol	5.530	59	44345	92.009	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33672	16.469	ug/l	93
13) Acrolein	4.183	56	31721	64.609	ug/l	98
14) Allyl chloride	5.030	41	63737	15.939	ug/l	99
15) Acrylonitrile	5.718	53	114274	89.824	ug/l	99
16) Acetone	4.436	43	104199	77.803	ug/l	94
17) Carbon Disulfide	4.712	76	98399	15.154	ug/l	100
18) Methyl Acetate	5.030	43	59023	18.019	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	124989	17.859	ug/l	95
20) Methylene Chloride	5.277	84	41985	17.831	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	36502	16.798	ug/l	94
22) Diisopropyl ether	6.677	45	152326	18.164	ug/l	95
23) Vinyl Acetate	6.606	43	580943	87.359	ug/l	98
24) 1,1-Dichloroethane	6.571	63	81590	17.960	ug/l	99
25) 2-Butanone	7.489	43	169163	88.865	ug/l	97
26) 2,2-Dichloropropane	7.494	77	70655	17.929	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	45398	17.339	ug/l	99
28) Bromochloromethane	7.818	49	40436	19.504	ug/l	99
29) Tetrahydrofuran	7.847	42	110507	94.828	ug/l	100
30) Chloroform	7.971	83	82505	18.618	ug/l	97
31) Cyclohexane	8.259	56	69801	16.424	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	72330	18.000	ug/l	99
36) 1,1-Dichloropropene	8.377	75	54121	17.670	ug/l	98
37) Ethyl Acetate	7.559	43	67050	17.186	ug/l	100
38) Carbon Tetrachloride	8.365	117	63293	18.337	ug/l	98
39) Methylcyclohexane	9.600	83	54640	16.951	ug/l	97
40) Benzene	8.606	78	171146	18.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34515	17.307	ug/l	93
42) 1,2-Dichloroethane	8.671	62	67564	18.769	ug/l	99
43) Isopropyl Acetate	8.688	43	125102	17.158	ug/l	99
44) Trichloroethene	9.353	130	39099	17.792	ug/l	91
45) 1,2-Dichloropropane	9.624	63	45067	18.500	ug/l	97
46) Dibromomethane	9.712	93	30753	18.624	ug/l	98
47) Bromodichloromethane	9.888	83	65755	18.678	ug/l	97
48) Methyl methacrylate	9.683	41	53401	17.766	ug/l	98
49) 1,4-Dioxane	9.700	88	19317	410.861	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	357387	95.563	ug/l	99
52) Toluene	10.630	92	104476	18.216	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66065	18.357	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	69741	18.739	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	41601	20.040	ug/l	94
56) Ethyl methacrylate	10.877	69	62016	18.037	ug/l	100
57) 1,3-Dichloropropane	11.165	76	72390	18.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	161897	89.013	ug/l	99
59) 2-Hexanone	11.200	43	264827	93.169	ug/l	100
60) Dibromochloromethane	11.359	129	47882	18.895	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41521	18.971	ug/l	99
64) Tetrachloroethene	11.106	164	38965	16.960	ug/l	97
65) Chlorobenzene	11.894	112	113559	17.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41673	18.290	ug/l	99
67) Ethyl Benzene	11.965	91	190127	17.463	ug/l	99
68) m/p-Xylenes	12.071	106	145332	35.880	ug/l	99
69) o-Xylene	12.400	106	66632	17.509	ug/l	98
70) Styrene	12.412	104	114790	17.772	ug/l	98
71) Bromoform	12.582	173	32995	18.316	ug/l #	99
73) Isopropylbenzene	12.700	105	176264	17.706	ug/l	100
74) N-amyl acetate	12.494	43	90795	17.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	60406	18.603	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	54785m	17.086	ug/l	
77) Bromobenzene	12.982	156	44768	17.471	ug/l	99
78) n-propylbenzene	13.035	91	210803	17.902	ug/l	100
79) 2-Chlorotoluene	13.129	91	130089	17.617	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	144310	17.863	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	24210	18.064	ug/l	93
82) 4-Chlorotoluene	13.224	91	130675	17.714	ug/l	100
83) tert-Butylbenzene	13.441	119	121896	17.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	147118	18.154	ug/l	98
85) sec-Butylbenzene	13.618	105	169406	17.334	ug/l	98
86) p-Isopropyltoluene	13.729	119	140493	17.852	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81860	17.620	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82203	16.928	ug/l	100
89) n-Butylbenzene	14.059	91	117604	16.846	ug/l	98
90) Hexachloroethane	14.335	117	29517	17.238	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	79718	17.573	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12153	17.684	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38741	16.196	ug/l	98
94) Hexachlorobutadiene	15.506	225	18124	15.367	ug/l	98
95) Naphthalene	15.641	128	122319	16.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40577	16.645	ug/l	97

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

