

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082143.D
 Acq On : 15 May 2024 20:02
 Operator : JC\MD
 Sample : P2403-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 16 06:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146201	52.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.165	113	98189	51.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	10.565	98	362619	49.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.853	95	118891	45.291	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2127	0.839	ug/l	98
3) Chloromethane	2.366	50	3213	1.118	ug/l	97
4) Vinyl Chloride	2.513	62	2885	1.068	ug/l	97
5) Bromomethane	2.960	94	2318	1.493	ug/l #	69
6) Chloroethane	3.124	64	2059	1.168	ug/l #	73
7) Trichlorofluoromethane	3.501	101	3524	0.996	ug/l	87
8) Diethyl Ether	3.954	74	1403	1.114	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	2076	1.005	ug/l	88
10) Methyl Iodide	4.589	142	1649	0.794	ug/l #	81
11) Tert butyl alcohol	5.530	59	2341	5.253	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	1735	0.904	ug/l	91
13) Acrolein	4.183	56	1425	4.315	ug/l #	58
14) Allyl chloride	5.024	41	3806	0.926	ug/l #	86
15) Acrylonitrile	5.724	53	5787	5.014	ug/l	99
16) Acetone	4.436	43	5784	5.079	ug/l	98
17) Carbon Disulfide	4.712	76	6155	0.992	ug/l #	93
18) Methyl Acetate	5.042	43	3074m	1.084	ug/l	
19) Methyl tert-butyl Ether	5.789	73	7175m	1.022	ug/l	
20) Methylene Chloride	5.283	84	3030	1.319	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	2132	1.019	ug/l #	89
22) Diisopropyl ether	6.677	45	7850	0.914	ug/l #	88
23) Vinyl Acetate	6.606	43	30310	4.478	ug/l	95
24) 1,1-Dichloroethane	6.577	63	4244	0.959	ug/l #	81
25) 2-Butanone	7.489	43	8080	4.679	ug/l #	81
26) 2,2-Dichloropropane	7.483	77	3303	0.891	ug/l	86
27) cis-1,2-Dichloroethene	7.489	96	2355	0.954	ug/l	78
28) Bromochloromethane	7.818	49	2306	1.118	ug/l #	69
29) Tetrahydrofuran	7.842	42	5525	4.983	ug/l #	81
30) Chloroform	7.971	83	4317	1.022	ug/l	93
31) Cyclohexane	8.224	56	9006	2.031	ug/l #	42
32) 1,1,1-Trichloroethane	8.183	97	3823	1.020	ug/l #	52
36) 1,1-Dichloropropene	8.365	75	3231	1.004	ug/l	94
37) Ethyl Acetate	7.559	43	3681m	1.022	ug/l	
38) Carbon Tetrachloride	8.365	117	3096	0.949	ug/l #	80
39) Methylcyclohexane	9.600	83	3305	0.937	ug/l #	78
40) Benzene	8.612	78	8831	0.920	ug/l #	90

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41) Methacrylonitrile	7.777	41	2076	0.980	ug/l #	73
42) 1,2-Dichloroethane	8.671	62	3842	1.041	ug/l #	73
43) Isopropyl Acetate	8.689	43	6184	0.969	ug/l #	86
44) Trichloroethene	9.359	130	2068	0.949	ug/l	94
45) 1,2-Dichloropropane	9.624	63	2631	1.063	ug/l	94
46) Dibromomethane	9.712	93	1596	0.982	ug/l #	64
47) Bromodichloromethane	9.883	83	3421	0.997	ug/l #	79
48) Methyl methacrylate	9.683	41	2716	0.893	ug/l #	79
49) 1,4-Dioxane	9.700	88	957	22.465	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	16289	4.494	ug/l #	83
52) Toluene	10.636	92	5190	0.901	ug/l	88
53) t-1,3-Dichloropropene	10.841	75	2857	0.805	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	3338	0.889	ug/l #	82
55) 1,1,2-Trichloroethane	11.024	97	2268	1.084	ug/l #	66
56) Ethyl methacrylate	10.877	69	2887	0.813	ug/l #	60
57) 1,3-Dichloropropane	11.165	76	3444	0.880	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	7685	4.194	ug/l	95
59) 2-Hexanone	11.194	43	11716	4.414	ug/l	88
60) Dibromochloromethane	11.365	129	2109	0.913	ug/l	96
61) 1,2-Dibromoethane	11.465	107	1823	0.848	ug/l	99
64) Tetrachloroethene	11.106	164	1973	0.975	ug/l #	82
65) Chlorobenzene	11.894	112	6082	1.009	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	1854	0.934	ug/l #	66
67) Ethyl Benzene	11.965	91	9375	0.869	ug/l	99
68) m/p-Xylenes	12.065	106	7159	1.811	ug/l	96
69) o-Xylene	12.400	106	3039	0.794	ug/l	79
70) Styrene	12.412	104	5187	0.816	ug/l	98
71) Bromoform	12.577	173	1320	0.925	ug/l #	83
73) Isopropylbenzene	12.694	105	7830	0.907	ug/l	98
74) N-amyl acetate	12.494	43	4356	0.918	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	2575	1.035	ug/l #	96
76) 1,2,3-Trichloropropane	12.994	75	2418m	1.057	ug/l	
77) Bromobenzene	12.988	156	2278	1.108	ug/l	92
78) n-propylbenzene	13.041	91	9495	0.929	ug/l	97
79) 2-Chlorotoluene	13.130	91	6667	1.039	ug/l	88
80) 1,3,5-Trimethylbenzene	13.177	105	6877	0.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	592m	0.606	ug/l	
82) 4-Chlorotoluene	13.224	91	6146	0.979	ug/l	91
83) tert-Butylbenzene	13.435	119	5394	0.883	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	5918	0.829	ug/l	100
85) sec-Butylbenzene	13.618	105	7168	0.847	ug/l	98
86) p-Isopropyltoluene	13.730	119	5543	0.806	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	3646	0.978	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	3791m	0.997	ug/l	
89) n-Butylbenzene	14.059	91	5293	0.856	ug/l	95
90) Hexachloroethane	14.341	117	1094	0.859	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	3464	0.982	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	458	0.896	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	1936	0.979	ug/l	80
94) Hexachlorobutadiene	15.494	225	699	0.806	ug/l	88
95) Naphthalene	15.641	128	4786	0.772	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1525	0.770	ug/l	92

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

