

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083305.D
 Acq On : 14 Aug 2024 16:52
 Operator : JC\MD
 Sample : P3390-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 15 00:56:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	269226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121963	55.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.800%			
35) Dibromofluoromethane	8.171	113	85763	51.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	10.565	98	312458	49.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.853	95	112762	46.142	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1789	1.029	ug/l	100
3) Chloromethane	2.359	50	1944	1.092	ug/l #	82
4) Vinyl Chloride	2.518	62	1944	1.071	ug/l	99
5) Bromomethane	2.953	94	1282	1.138	ug/l	92
6) Chloroethane	3.118	64	1343	1.182	ug/l	99
7) Trichlorofluoromethane	3.489	101	3521	1.174	ug/l	84
8) Diethyl Ether	3.965	74	1096	0.982	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	1872	1.132	ug/l	89
10) Methyl Iodide	4.595	142	1463	0.672	ug/l #	81
11) Tert butyl alcohol	5.542	59	2295	5.062	ug/l #	71
12) 1,1-Dichloroethene	4.347	96	1519	0.894	ug/l #	66
13) Acrolein	4.200	56	1120	3.790	ug/l #	66
14) Allyl chloride	5.036	41	2916	0.908	ug/l	94
15) Acrylonitrile	5.724	53	4548	4.877	ug/l	91
16) Acetone	4.447	43	4739	5.551	ug/l	95
17) Carbon Disulfide	4.706	76	4819	0.969	ug/l #	75
18) Methyl Acetate	5.030	43	3051	1.199	ug/l #	78
19) Methyl tert-butyl Ether	5.800	73	6039	0.985	ug/l #	81
20) Methylene Chloride	5.277	84	2836	1.443	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	1879	1.070	ug/l #	68
22) Diisopropyl ether	6.677	45	5491	0.910	ug/l	91
23) Vinyl Acetate	6.606	43	29508m	4.770	ug/l	
24) 1,1-Dichloroethane	6.571	63	3373	1.025	ug/l #	83
25) 2-Butanone	7.494	43	6990	5.332	ug/l	97
26) 2,2-Dichloropropane	7.488	77	3091	1.012	ug/l	79
27) cis-1,2-Dichloroethene	7.483	96	2054	0.969	ug/l	95
28) Bromochloromethane	7.812	49	1364	1.015	ug/l #	91
29) Tetrahydrofuran	7.847	42	4334	5.114	ug/l #	84
30) Chloroform	7.977	83	3734	1.092	ug/l	85
31) Cyclohexane	8.224	56	6512	2.014	ug/l #	10
32) 1,1,1-Trichloroethane	8.171	97	3390	1.048	ug/l #	46
36) 1,1-Dichloropropene	8.377	75	2587	1.018	ug/l	95
37) Ethyl Acetate	7.565	43	2558	0.899	ug/l #	87
38) Carbon Tetrachloride	8.359	117	2761	0.964	ug/l #	87
39) Methylcyclohexane	9.600	83	2773	0.888	ug/l #	86
40) Benzene	8.612	78	8176	1.080	ug/l #	88

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Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	1603	0.991	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	3055	1.107	ug/l	88
43) Isopropyl Acetate	8.694	43	6452m	0.989	ug/l	
44) Trichloroethene	9.359	130	2075	1.151	ug/l	75
45) 1,2-Dichloropropane	9.618	63	1934	1.076	ug/l	95
46) Dibromomethane	9.718	93	1180	0.917	ug/l	94
47) Bromodichloromethane	9.888	83	2750	0.952	ug/l #	94
48) Methyl methacrylate	9.682	41	2115	0.899	ug/l	95
49) 1,4-Dioxane	9.706	88	845m	19.904	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	13031	4.841	ug/l	95
52) Toluene	10.629	92	4500	0.940	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	2432	0.820	ug/l #	66
54) cis-1,3-Dichloropropene	10.318	75	2660	0.843	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	1635	0.953	ug/l	88
56) Ethyl methacrylate	10.876	69	2578	0.798	ug/l #	88
57) 1,3-Dichloropropane	11.159	76	3160	1.034	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.165	63	6644	4.862	ug/l	97
59) 2-Hexanone	11.200	43	9379	4.504	ug/l	100
60) Dibromochloromethane	11.359	129	1842	0.888	ug/l	95
61) 1,2-Dibromoethane	11.465	107	1491	0.828	ug/l #	73
64) Tetrachloroethene	11.106	164	1493	0.968	ug/l	92
65) Chlorobenzene	11.900	112	5014	0.974	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	1633	0.900	ug/l #	60
67) Ethyl Benzene	11.965	91	9033	0.957	ug/l	97
68) m/p-Xylenes	12.076	106	6498	1.837	ug/l	98
69) o-Xylene	12.400	106	3265	0.936	ug/l	94
70) Styrene	12.412	104	5051	0.862	ug/l	97
71) Bromoform	12.582	173	1109	0.806	ug/l #	87
73) Isopropylbenzene	12.700	105	7841	0.952	ug/l	95
74) N-amyl acetate	12.500	43	3487	0.865	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	2523	1.083	ug/l #	93
76) 1,2,3-Trichloropropane	12.988	75	2353m	1.088	ug/l	
77) Bromobenzene	12.982	156	1873	1.023	ug/l	78
78) n-propylbenzene	13.041	91	8863	0.934	ug/l	99
79) 2-Chlorotoluene	13.129	91	6062	1.008	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	6439	0.933	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.735	75	479m	0.482	ug/l	
82) 4-Chlorotoluene	13.223	91	5719	0.948	ug/l	100
83) tert-Butylbenzene	13.441	119	5556	0.909	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	6267	0.901	ug/l	96
85) sec-Butylbenzene	13.617	105	7698	0.923	ug/l	98
86) p-Isopropyltoluene	13.735	119	5999	0.872	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	3133	0.910	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	3579m	1.031	ug/l	
89) n-Butylbenzene	14.053	91	4959	0.831	ug/l	99
90) Hexachloroethane	14.341	117	1030	0.775	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	3258	0.978	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	499	0.882	ug/l	84
93) 1,2,4-Trichlorobenzene	15.388	180	1538	0.824	ug/l	96
94) Hexachlorobutadiene	15.494	225	625	0.753	ug/l	95
95) Naphthalene	15.641	128	5493	0.831	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	1747	0.946	ug/l	92

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QLast Update : Thu Aug 15 00:52:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

