

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043057.D
 Acq On : 15 Aug 2024 16:57
 Operator : JC/MD
 Sample : P3390-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 16 02:14:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 02:11:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78468	56.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.080%			
35) Dibromofluoromethane	5.385	113	64793	54.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.200%			
50) Toluene-d8	8.647	98	239528	51.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	11.079	95	77127	46.005	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	748	0.701	ug/l	97
3) Chloromethane	1.301	50	1253	0.793	ug/l	91
4) Vinyl Chloride	1.374	62	1240	0.781	ug/l	89
5) Bromomethane	1.593	94	710	1.476	ug/l	93
6) Chloroethane	1.666	64	542	1.083	ug/l #	57
7) Trichlorofluoromethane	1.867	101	1518	0.915	ug/l	91
8) Diethyl Ether	2.136	74	809	1.054	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.313	101	922	0.777	ug/l	92
10) Methyl Iodide	2.441	142	781	0.616	ug/l #	83
11) Tert butyl alcohol	2.983	59	1454m	4.061	ug/l	
12) 1,1-Dichloroethene	2.306	96	1103	0.866	ug/l #	69
13) Acrolein	2.239	56	1675	4.628	ug/l	90
14) Allyl chloride	2.660	41	2275	0.953	ug/l	94
15) Acrylonitrile	3.081	53	3322	3.746	ug/l	90
16) Acetone	2.392	43	2887	4.195	ug/l	96
17) Carbon Disulfide	2.502	76	2814	0.770	ug/l	97
18) Methyl Acetate	2.709	43	1870	0.822	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	3294	0.767	ug/l	92
20) Methylene Chloride	2.788	84	1982	1.245	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	969	0.729	ug/l	86
22) Diisopropyl ether	3.763	45	3408	0.699	ug/l #	8
23) Vinyl Acetate	3.733	43	19796	3.483	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1803	0.733	ug/l #	83
25) 2-Butanone	4.599	43	4402	3.648	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1180	0.602	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	1196	0.746	ug/l	86
28) Bromochloromethane	4.910	49	672	0.604	ug/l #	64
29) Tetrahydrofuran	5.038	42	3240	3.874	ug/l #	73
30) Chloroform	5.099	83	2025	0.857	ug/l	86
31) Cyclohexane	5.452	56	1895	0.819	ug/l #	76
32) 1,1,1-Trichloroethane	5.385	97	1625	0.824	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	1352	0.813	ug/l #	68
37) Ethyl Acetate	4.745	43	2119m	0.904	ug/l	
38) Carbon Tetrachloride	5.659	117	1423m	0.846	ug/l	
39) Methylcyclohexane	7.379	83	1537	0.667	ug/l #	90
40) Benzene	6.037	78	4244	0.749	ug/l #	90

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41) Methacrylonitrile	4.952	41	887m	0.718	ug/l	
42) 1,2-Dichloroethane	6.098	62	1262	0.765	ug/l #	77
43) Isopropyl Acetate	6.354	43	2829	0.748	ug/l #	87
44) Trichloroethene	7.141	130	853	0.664	ug/l	82
45) 1,2-Dichloropropane	7.440	63	956	0.685	ug/l #	77
46) Dibromomethane	7.586	93	635	0.666	ug/l	90
47) Bromodichloromethane	7.824	83	1392	0.752	ug/l #	94
48) Methyl methacrylate	7.732	41	1318	0.782	ug/l #	45
49) 1,4-Dioxane	7.696	88	376	10.182	ug/l #	70
51) 4-Methyl-2-Pentanone	8.580	43	8154	3.393	ug/l	98
52) Toluene	8.726	92	2419	0.706	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	1157	0.572	ug/l #	77
54) cis-1,3-Dichloropropene	8.372	75	1359	0.611	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	933	0.694	ug/l	90
56) Ethyl methacrylate	9.128	69	1494	0.613	ug/l	92
57) 1,3-Dichloropropane	9.311	76	1476	0.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	3502	3.064	ug/l	94
59) 2-Hexanone	9.439	43	6328	3.426	ug/l	98
60) Dibromochloromethane	9.525	129	911	0.642	ug/l	84
61) 1,2-Dibromoethane	9.616	107	909	0.670	ug/l	94
64) Tetrachloroethene	9.269	164	880	0.851	ug/l #	66
65) Chlorobenzene	10.086	112	2586	0.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	859	0.737	ug/l #	65
67) Ethyl Benzene	10.201	91	4380	0.729	ug/l	96
68) m/p-Xylenes	10.305	106	3372	1.460	ug/l	97
69) o-Xylene	10.646	106	1877	0.809	ug/l	84
70) Styrene	10.665	104	2517	0.647	ug/l	89
71) Bromoform	10.799	173	707	0.731	ug/l #	94
73) Isopropylbenzene	10.963	105	3783	0.743	ug/l	100
74) N-amyl acetate	10.854	43	1872	0.646	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1603	0.818	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1468m	0.960	ug/l	
77) Bromobenzene	11.201	156	1067	0.872	ug/l	93
78) n-propylbenzene	11.305	91	4197	0.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	3105	0.860	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3058	0.729	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	408m	0.582	ug/l	
82) 4-Chlorotoluene	11.457	91	3174	0.789	ug/l	98
83) tert-Butylbenzene	11.719	119	3322	0.765	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3049	0.721	ug/l	89
85) sec-Butylbenzene	11.890	105	3681	0.699	ug/l	96
86) p-Isopropyltoluene	12.012	119	2771	0.644	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	1685	0.766	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	1902m	0.845	ug/l	
89) n-Butylbenzene	12.341	91	2264	0.608	ug/l	93
90) Hexachloroethane	12.542	117	569	0.658	ug/l	83
91) 1,2-Dichlorobenzene	12.341	146	1679	0.757	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	252	0.657	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	895	0.717	ug/l	92
94) Hexachlorobutadiene	13.731	225	331	0.711	ug/l	92
95) Naphthalene	13.780	128	3827	0.776	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	821	0.643	ug/l	89

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

