

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043058.D
 Acq On : 15 Aug 2024 17:21
 Operator : JC/MD
 Sample : P3390-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 16 02:15:13 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	105920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72251	51.912	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	5.385	113	59200	50.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.647	98	222350	48.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.600%			
62) 4-Bromofluorobenzene	11.079	95	75299	45.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2517	2.350	ug/l	88
3) Chloromethane	1.301	50	4096	2.584	ug/l	96
4) Vinyl Chloride	1.374	62	4163	2.615	ug/l	99
5) Bromomethane	1.599	94	1637	3.393	ug/l	90
6) Chloroethane	1.666	64	1800	3.587	ug/l	89
7) Trichlorofluoromethane	1.874	101	5198	3.122	ug/l	99
8) Diethyl Ether	2.136	74	2424	3.147	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	3095	2.600	ug/l	98
10) Methyl Iodide	2.441	142	3021	2.377	ug/l #	87
11) Tert butyl alcohol	2.995	59	4371	12.172	ug/l #	77
12) 1,1-Dichloroethene	2.306	96	3425	2.681	ug/l #	79
13) Acrolein	2.239	56	4617	12.718	ug/l	96
14) Allyl chloride	2.654	41	5639	2.355	ug/l	95
15) Acrylonitrile	3.075	53	11454	12.878	ug/l	96
16) Acetone	2.392	43	9038	13.093	ug/l #	82
17) Carbon Disulfide	2.502	76	8891	2.427	ug/l	98
18) Methyl Acetate	2.709	43	6624	2.904	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	11178	2.596	ug/l	93
20) Methylene Chloride	2.788	84	4369	2.737	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	3512	2.636	ug/l #	70
22) Diisopropyl ether	3.770	45	12438	2.544	ug/l #	82
23) Vinyl Acetate	3.727	43	68215	11.967	ug/l	100
24) 1,1-Dichloroethane	3.605	63	6520	2.644	ug/l	98
25) 2-Butanone	4.580	43	15727	12.996	ug/l	96
26) 2,2-Dichloropropane	4.465	77	3702	1.884	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	4104	2.552	ug/l	87
28) Bromochloromethane	4.904	49	2919	2.616	ug/l #	100
29) Tetrahydrofuran	5.026	42	10678	12.731	ug/l	98
30) Chloroform	5.099	83	6346	2.679	ug/l	93
31) Cyclohexane	5.464	56	5741	2.475	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	5364	2.712	ug/l	100
36) 1,1-Dichloropropene	5.696	75	4368	2.664	ug/l	96
37) Ethyl Acetate	4.739	43	5367	2.323	ug/l #	82
38) Carbon Tetrachloride	5.678	117	4390	2.647	ug/l	98
39) Methylcyclohexane	7.379	83	5563	2.450	ug/l	94
40) Benzene	6.037	78	13861	2.481	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	3146	2.584	ug/l	97
42) 1,2-Dichloroethane	6.092	62	4605	2.834	ug/l	100
43) Isopropyl Acetate	6.348	43	8492	2.278	ug/l	97
44) Trichloroethene	7.129	130	3263	2.579	ug/l	88
45) 1,2-Dichloropropane	7.434	63	3550	2.582	ug/l	98
46) Dibromomethane	7.592	93	2409	2.563	ug/l	95
47) Bromodichloromethane	7.824	83	4862	2.664	ug/l #	92
48) Methyl methacrylate	7.702	41	4042	2.432	ug/l	89
49) 1,4-Dioxane	7.677	88	1628	44.731	ug/l #	69
51) 4-Methyl-2-Pentanone	8.580	43	29687	12.533	ug/l	97
52) Toluene	8.720	92	8702	2.578	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	4208	2.111	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	5095	2.324	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	3532	2.664	ug/l	93
56) Ethyl methacrylate	9.122	69	5704	2.376	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5576	2.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	12661	11.240	ug/l	100
59) 2-Hexanone	9.433	43	22487	12.353	ug/l	97
60) Dibromochloromethane	9.519	129	3507	2.509	ug/l	100
61) 1,2-Dibromoethane	9.610	107	3435	2.570	ug/l	96
64) Tetrachloroethene	9.275	164	3157	3.063	ug/l	95
65) Chlorobenzene	10.079	112	9193	2.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3133	2.698	ug/l	94
67) Ethyl Benzene	10.195	91	15387	2.570	ug/l	96
68) m/p-Xylenes	10.305	106	12066	5.240	ug/l	93
69) o-Xylene	10.640	106	6204	2.682	ug/l	92
70) Styrene	10.659	104	9742	2.512	ug/l	96
71) Bromoform	10.799	173	2448	2.539	ug/l #	100
73) Isopropylbenzene	10.963	105	14338	2.719	ug/l	98
74) N-amyl acetate	10.848	43	7908	2.633	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5390	2.655	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	4842m	3.056	ug/l	
77) Bromobenzene	11.201	156	3597	2.839	ug/l	92
78) n-propylbenzene	11.305	91	15734	2.618	ug/l	99
79) 2-Chlorotoluene	11.366	91	9883	2.642	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	11928	2.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1462	2.013	ug/l #	83
82) 4-Chlorotoluene	11.457	91	10391	2.493	ug/l	94
83) tert-Butylbenzene	11.713	119	12050	2.680	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11574	2.641	ug/l	95
85) sec-Butylbenzene	11.890	105	13894	2.546	ug/l	100
86) p-Isopropyltoluene	12.012	119	11417	2.560	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	6158	2.703	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	6622	2.841	ug/l	92
89) n-Butylbenzene	12.335	91	8438	2.186	ug/l	96
90) Hexachloroethane	12.536	117	2286	2.553	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	6085	2.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1032	2.599	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	2980	2.305	ug/l	95
94) Hexachlorobutadiene	13.725	225	1319	2.734	ug/l	96
95) Naphthalene	13.780	128	12635	2.475	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3279	2.480	ug/l	97

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

