

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043037.D
 Acq On : 14 Aug 2024 17:29
 Operator : JC/MD
 Sample : P3390-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 15 04:59:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82315	49.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.820%		
35) Dibromofluoromethane	5.385	113	69378	48.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	263919	48.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	84899	42.624	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1020	0.796	ug/l	98
3) Chloromethane	1.300	50	1455	0.767	ug/l	97
4) Vinyl Chloride	1.373	62	1432	0.751	ug/l	100
5) Bromomethane	1.593	94	554	0.959	ug/l	85
6) Chloroethane	1.666	64	677	1.127	ug/l #	73
7) Trichlorofluoromethane	1.873	101	1544	0.775	ug/l	95
8) Diethyl Ether	2.129	74	781	0.847	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	1074	0.754	ug/l	92
10) Methyl Iodide	2.446	142	816	0.536	ug/l #	81
11) Tert butyl alcohol	2.983	59	1580m	3.676	ug/l	
12) 1,1-Dichloroethene	2.312	96	1214	0.794	ug/l	82
13) Acrolein	2.239	56	1694	3.898	ug/l #	82
14) Allyl chloride	2.660	41	2374	0.828	ug/l	90
15) Acrylonitrile	3.080	53	3746	3.519	ug/l	98
16) Acetone	2.392	43	3436	4.158	ug/l #	82
17) Carbon Disulfide	2.501	76	3469	0.791	ug/l	100
18) Methyl Acetate	2.709	43	2195	0.804	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	3768	0.731	ug/l #	82
20) Methylene Chloride	2.788	84	2414	1.263	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	1282	0.804	ug/l #	76
22) Diisopropyl ether	3.763	45	4002	0.684	ug/l #	34
23) Vinyl Acetate	3.733	43	23956m	3.511	ug/l	
24) 1,1-Dichloroethane	3.605	63	2148	0.728	ug/l #	83
25) 2-Butanone	4.605	43	5384m	3.717	ug/l	
26) 2,2-Dichloropropane	4.470	77	1813	0.771	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	1336	0.694	ug/l	86
28) Bromochloromethane	4.909	49	1058	0.792	ug/l #	93
29) Tetrahydrofuran	5.037	42	4086m	4.070	ug/l	
30) Chloroform	5.098	83	2124	0.749	ug/l	92
31) Cyclohexane	5.464	56	2183	0.786	ug/l #	78
32) 1,1,1-Trichloroethane	5.373	97	1865	0.788	ug/l #	50
36) 1,1-Dichloropropene	5.708	75	1605	0.812	ug/l	85
37) Ethyl Acetate	4.751	43	2499m	0.897	ug/l	
38) Carbon Tetrachloride	5.678	117	1628	0.814	ug/l #	75
39) Methylcyclohexane	7.385	83	1810	0.661	ug/l #	85
40) Benzene	6.037	78	4627	0.687	ug/l #	86

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41) Methacrylonitrile	4.970	41	1227m	0.836	ug/l	
42) 1,2-Dichloroethane	6.104	62	1579	0.806	ug/l	95
43) Isopropyl Acetate	6.360	43	3295m	0.733	ug/l	
44) Trichloroethene	7.135	130	1208	0.792	ug/l	55
45) 1,2-Dichloropropane	7.427	63	1080	0.652	ug/l	96
46) Dibromomethane	7.592	93	757	0.668	ug/l	93
47) Bromodichloromethane	7.830	83	1658	0.754	ug/l	89
48) Methyl methacrylate	7.720	41	1672m	0.835	ug/l	
49) 1,4-Dioxane	7.689	88	389m	8.866	ug/l	
51) 4-Methyl-2-Pentanone	8.579	43	9821m	3.439	ug/l	
52) Toluene	8.720	92	2833	0.696	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	1405	0.585	ug/l	94
54) cis-1,3-Dichloropropene	8.384	75	1662	0.629	ug/l #	84
55) 1,1,2-Trichloroethane	9.165	97	1198	0.750	ug/l	94
56) Ethyl methacrylate	9.128	69	1891m	0.653	ug/l	
57) 1,3-Dichloropropane	9.311	76	1744	0.644	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.250	63	4078	3.003	ug/l	100
59) 2-Hexanone	9.439	43	7647m	3.485	ug/l	
60) Dibromochloromethane	9.524	129	1185	0.703	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1176	0.730	ug/l	88
64) Tetrachloroethene	9.274	164	964	0.784	ug/l	91
65) Chlorobenzene	10.079	112	3294	0.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1047	0.756	ug/l #	62
67) Ethyl Benzene	10.195	91	5122	0.717	ug/l	90
68) m/p-Xylenes	10.299	106	4064	1.480	ug/l	88
69) o-Xylene	10.640	106	2005	0.727	ug/l	93
70) Styrene	10.665	104	3108	0.672	ug/l	94
71) Bromoform	10.805	173	842	0.732	ug/l #	96
73) Isopropylbenzene	10.963	105	4632	0.752	ug/l	99
74) N-amyl acetate	10.853	43	2540m	0.724	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.213	83	1718	0.724	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1572m	0.849	ug/l	
77) Bromobenzene	11.201	156	1221	0.825	ug/l	92
78) n-propylbenzene	11.305	91	4945	0.704	ug/l	97
79) 2-Chlorotoluene	11.366	91	3579	0.819	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	3620	0.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	520m	0.613	ug/l	
82) 4-Chlorotoluene	11.457	91	3731	0.766	ug/l	98
83) tert-Butylbenzene	11.713	119	3865	0.736	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3741	0.731	ug/l	96
85) sec-Butylbenzene	11.890	105	4398	0.690	ug/l	99
86) p-Isopropyltoluene	12.012	119	3257	0.625	ug/l	91
87) 1,3-Dichlorobenzene	11.975	146	2024	0.760	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1981m	0.727	ug/l	
89) n-Butylbenzene	12.335	91	2769	0.614	ug/l	98
90) Hexachloroethane	12.536	117	731	0.699	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	1979	0.738	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.664	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	1084	0.718	ug/l	92
94) Hexachlorobutadiene	13.725	225	474	0.841	ug/l	93
95) Naphthalene	13.780	128	4158	0.697	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1173	0.759	ug/l	94

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

