

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041522.D
 Acq On : 14 May 2024 16:22
 Operator : JC/MD
 Sample : P2403-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 15 01:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	165252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	237468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101537	56.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.880%			
35) Dibromofluoromethane	5.385	113	77774	48.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	8.646	98	272444	53.489	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.980%			
62) 4-Bromofluorobenzene	11.079	95	99003	50.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	880	0.648	ug/l	96
3) Chloromethane	1.300	50	1031	0.734	ug/l #	86
4) Vinyl Chloride	1.373	62	857	0.640	ug/l	99
5) Bromomethane	1.599	94	1075	1.280	ug/l	94
6) Chloroethane	1.666	64	791	1.272	ug/l	95
7) Trichlorofluoromethane	1.867	101	1816	0.786	ug/l	91
8) Diethyl Ether	2.135	74	761	0.935	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	1119	0.862	ug/l #	84
10) Methyl Iodide	2.446	142	935	0.669	ug/l	95
11) Tert butyl alcohol	2.995	59	885m	2.458	ug/l	
12) 1,1-Dichloroethene	2.312	96	1116	0.871	ug/l #	73
13) Acrolein	2.239	56	875	3.063	ug/l	88
14) Allyl chloride	2.660	41	1565	0.727	ug/l	93
15) Acrylonitrile	3.080	53	3115	3.790	ug/l	95
16) Acetone	2.391	43	4111	4.376	ug/l	92
17) Carbon Disulfide	2.501	76	1885	0.626	ug/l #	94
18) Methyl Acetate	2.715	43	2677	1.454	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	3553	0.761	ug/l	95
20) Methylene Chloride	2.788	84	2232	1.429	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	1029	0.719	ug/l #	77
22) Diisopropyl ether	3.769	45	3428	0.752	ug/l #	74
23) Vinyl Acetate	3.733	43	13656	3.348	ug/l	99
24) 1,1-Dichloroethane	3.611	63	1977	0.767	ug/l #	90
25) 2-Butanone	4.592	43	4497	3.862	ug/l #	87
26) 2,2-Dichloropropane	4.476	77	1477	0.686	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	1214	0.716	ug/l	90
28) Bromochloromethane	4.891	49	929	1.011	ug/l #	70
29) Tetrahydrofuran	5.031	42	2911	3.823	ug/l	93
30) Chloroform	5.098	83	2145	0.800	ug/l	96
31) Cyclohexane	5.464	56	1698	0.782	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	1835	0.753	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	1432m	0.744	ug/l	
37) Ethyl Acetate	4.763	43	1934	0.805	ug/l #	75
38) Carbon Tetrachloride	5.677	117	1681	0.763	ug/l #	74
39) Methylcyclohexane	7.378	83	1606	0.710	ug/l #	84
40) Benzene	6.037	78	4640	0.782	ug/l #	89

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41) Methacrylonitrile	4.946	41	868m	0.702	ug/l	
42) 1,2-Dichloroethane	6.098	62	1850	0.851	ug/l	84
43) Isopropyl Acetate	6.360	43	2679	0.742	ug/l #	89
44) Trichloroethene	7.122	130	1284	0.820	ug/l	79
45) 1,2-Dichloropropane	7.439	63	973	0.734	ug/l	95
46) Dibromomethane	7.586	93	693	0.657	ug/l #	61
47) Bromodichloromethane	7.823	83	1281	0.681	ug/l #	93
48) Methyl methacrylate	7.708	41	1123	0.679	ug/l	94
49) 1,4-Dioxane	7.689	88	414	11.571	ug/l #	58
51) 4-Methyl-2-Pentanone	8.579	43	8262	3.814	ug/l	96
52) Toluene	8.726	92	2828	0.779	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	1105	0.593	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	1246	0.603	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	1140	0.816	ug/l	91
56) Ethyl methacrylate	9.128	69	1379	0.638	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	1916	0.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	3993	3.808	ug/l	96
59) 2-Hexanone	9.445	43	6442	3.719	ug/l	96
60) Dibromochloromethane	9.524	129	965	0.587	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1091	0.710	ug/l	92
64) Tetrachloroethene	9.274	164	1211	0.792	ug/l	90
65) Chlorobenzene	10.079	112	3154	0.736	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.164	131	971	0.641	ug/l #	64
67) Ethyl Benzene	10.201	91	5100	0.721	ug/l	95
68) m/p-Xylenes	10.305	106	3786	1.337	ug/l	99
69) o-Xylene	10.646	106	1894	0.698	ug/l	85
70) Styrene	10.658	104	2752	0.618	ug/l	93
71) Bromoform	10.805	173	852	0.629	ug/l #	99
73) Isopropylbenzene	10.963	105	4712	0.724	ug/l	98
74) N-amyl acetate	10.847	43	1856	0.652	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1719	0.806	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1576m	0.907	ug/l	
77) Bromobenzene	11.201	156	1567	0.853	ug/l	77
78) n-propylbenzene	11.304	91	5025	0.735	ug/l	97
79) 2-Chlorotoluene	11.365	91	3412	0.774	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	3694	0.696	ug/l	100
82) 4-Chlorotoluene	11.457	91	3626	0.725	ug/l	93
83) tert-Butylbenzene	11.713	119	3402m	0.599	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	3119	0.584	ug/l	97
85) sec-Butylbenzene	11.890	105	4418	0.678	ug/l	94
86) p-Isopropyltoluene	12.012	119	3756	0.642	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	2521	0.755	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	2857m	0.830	ug/l	
89) n-Butylbenzene	12.335	91	2766	0.588	ug/l	96
90) Hexachloroethane	12.536	117	609	0.623	ug/l	63
91) 1,2-Dichlorobenzene	12.341	146	2584	0.732	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.944	75	336	0.682	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	1453	0.589	ug/l	90
94) Hexachlorobutadiene	13.725	225	860	0.698	ug/l	95
95) Naphthalene	13.780	128	4345	0.595	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1598	0.634	ug/l	96

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

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