

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041520.D
 Acq On : 14 May 2024 15:32
 Operator : JC/MD
 Sample : P2403-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 15 01:54:05 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	5.544	168	235024	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	332795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	135416	52.927	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	105.860%		
35) Dibromofluoromethane	5.379	113	105595	46.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	369976	51.831	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.660%		
62) 4-Bromofluorobenzene	11.079	95	135644	49.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	551	0.276	ug/l	97
4) Vinyl Chloride	1.374	62	536	0.281	ug/l #	73
5) Bromomethane	1.599	94	718	0.601	ug/l	96
6) Chloroethane	1.666	64	472	0.534	ug/l	97
7) Trichlorofluoromethane	1.867	101	939	0.286	ug/l	89
8) Diethyl Ether	2.136	74	412	0.356	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.312	101	538	0.291	ug/l #	76
10) Methyl Iodide	2.447	142	483	0.243	ug/l #	85
11) Tert butyl alcohol	2.940	59	4042	7.893	ug/l #	78
12) 1,1-Dichloroethene	2.306	96	558	0.306	ug/l #	65
13) Acrolein	2.233	56	439	1.081	ug/l	94
14) Allyl chloride	2.654	41	856	0.280	ug/l	95
15) Acrylonitrile	3.081	53	1547	1.324	ug/l	96
16) Acetone	2.386	43	3140	2.350	ug/l	94
17) Carbon Disulfide	2.501	76	1141	0.267	ug/l #	76
18) Methyl Acetate	2.709	43	2895	1.106	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1892	0.285	ug/l	93
20) Methylene Chloride	2.782	84	1460	0.657	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	613	0.301	ug/l	82
22) Diisopropyl ether	3.763	45	1796	0.277	ug/l #	55
23) Vinyl Acetate	3.733	43	6648	1.146	ug/l	97
24) 1,1-Dichloroethane	3.605	63	972	0.265	ug/l #	83
25) 2-Butanone	4.593	43	2473	1.493	ug/l	97
26) 2,2-Dichloropropane	4.471	77	678	0.221	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	657	0.273	ug/l	89
28) Bromochloromethane	4.891	49	303	0.232	ug/l #	91
29) Tetrahydrofuran	5.031	42	1544m	1.426	ug/l	
30) Chloroform	5.086	83	1131	0.297	ug/l	86
31) Cyclohexane	5.464	56	718	0.233	ug/l #	89
32) 1,1,1-Trichloroethane	5.367	97	938	0.270	ug/l #	45
36) 1,1-Dichloropropene	5.696	75	846	0.314	ug/l #	70
37) Ethyl Acetate	4.727	43	1101m	0.327	ug/l	
38) Carbon Tetrachloride	5.678	117	941	0.305	ug/l	93
39) Methylcyclohexane	7.379	83	839	0.265	ug/l	88
40) Benzene	6.037	78	2312	0.278	ug/l #	81
41) Methacrylonitrile	4.940	41	447m	0.258	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	1012	0.332	ug/l #	77
43) Isopropyl Acetate	6.354	43	1333	0.263	ug/l #	74
44) Trichloroethene	7.129	130	675	0.307	ug/l	57
45) 1,2-Dichloropropane	7.427	63	485	0.261	ug/l #	85
46) Dibromomethane	7.580	93	369	0.250	ug/l #	62
47) Bromodichloromethane	7.824	83	712	0.270	ug/l #	93
48) Methyl methacrylate	7.714	41	619	0.267	ug/l #	78
49) 1,4-Dioxane	7.696	88	110	2.194	ug/l #	64
51) 4-Methyl-2-Pentanone	8.574	43	4022	1.325	ug/l	96
52) Toluene	8.720	92	1517	0.298	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	586	0.224	ug/l #	80
54) cis-1,3-Dichloropropene	8.372	75	599	0.207	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	547	0.279	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	1007	0.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1890	1.286	ug/l	99
59) 2-Hexanone	9.451	43	2644	1.089	ug/l	100
60) Dibromochloromethane	9.518	129	486	0.211	ug/l	89
61) 1,2-Dibromoethane	9.616	107	506	0.235	ug/l	93
64) Tetrachloroethene	9.275	164	702	0.325	ug/l #	71
65) Chlorobenzene	10.079	112	1860	0.307	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	485	0.226	ug/l #	58
67) Ethyl Benzene	10.195	91	2714	0.271	ug/l	94
68) m/p-Xylenes	10.305	106	1970	0.492	ug/l	96
69) o-Xylene	10.640	106	957	0.250	ug/l	97
70) Styrene	10.665	104	1440	0.229	ug/l	97
71) Bromoform	10.805	173	596	0.311	ug/l #	100
73) Isopropylbenzene	10.963	105	2459	0.260	ug/l	98
74) N-amyl acetate	10.854	43	836	0.202	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	872	0.281	ug/l	92
76) 1,2,3-Trichloropropane	11.244	75	974m	0.385	ug/l	
77) Bromobenzene	11.201	156	858	0.321	ug/l	81
78) n-propylbenzene	11.305	91	2906	0.292	ug/l	100
79) 2-Chlorotoluene	11.366	91	1957	0.305	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1928	0.250	ug/l	97
82) 4-Chlorotoluene	11.457	91	2293	0.315	ug/l	99
83) tert-Butylbenzene	11.713	119	2140	0.259	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1791	0.231	ug/l	81
85) sec-Butylbenzene	11.890	105	2306	0.243	ug/l	94
86) p-Isopropyltoluene	12.012	119	2036	0.239	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1495	0.308	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	1683m	0.336	ug/l	
90) Hexachloroethane	12.542	117	346	0.243	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	1362	0.266	ug/l	96
93) 1,2,4-Trichlorobenzene	13.597	180	729	0.203	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	780	0.213	ug/l	86

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

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