

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041521.D
 Acq On : 14 May 2024 15:59
 Operator : JC/MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 15 01:54:53 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	171249	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99952	53.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	107.220%		
35) Dibromofluoromethane	5.385	113	77041	46.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	8.647	98	270703	51.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.740%		
62) 4-Bromofluorobenzene	11.079	95	98680	48.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	575	0.409	ug/l	96
3) Chloromethane	1.301	50	830	0.570	ug/l	100
4) Vinyl Chloride	1.374	62	788	0.568	ug/l	92
5) Bromomethane	1.599	94	731	0.840	ug/l	96
6) Chloroethane	1.666	64	623	0.967	ug/l #	82
7) Trichlorofluoromethane	1.868	101	1245	0.520	ug/l #	83
8) Diethyl Ether	2.142	74	601	0.712	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	905	0.673	ug/l	95
10) Methyl Iodide	2.447	142	646	0.446	ug/l #	75
11) Tert butyl alcohol	3.002	59	712	1.908	ug/l #	78
12) 1,1-Dichloroethene	2.307	96	829	0.625	ug/l #	70
13) Acrolein	2.233	56	588	1.986	ug/l	95
14) Allyl chloride	2.654	41	1085	0.487	ug/l	87
15) Acrylonitrile	3.075	53	2343	2.751	ug/l	89
16) Acetone	2.392	43	3765	3.867	ug/l	95
17) Carbon Disulfide	2.502	76	1499	0.481	ug/l #	93
18) Methyl Acetate	2.715	43	2334	1.224	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	2524	0.522	ug/l #	88
20) Methylene Chloride	2.776	84	1769	1.093	ug/l #	81
21) trans-1,2-Dichloroethene	3.081	96	793	0.535	ug/l #	72
22) Diisopropyl ether	3.764	45	2554	0.541	ug/l #	67
23) Vinyl Acetate	3.733	43	9475	2.242	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1428	0.535	ug/l #	89
25) 2-Butanone	4.605	43	3341	2.769	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	1122	0.503	ug/l #	68
27) cis-1,2-Dichloroethene	4.489	96	895	0.510	ug/l	84
28) Bromochloromethane	4.910	49	536	0.563	ug/l #	63
29) Tetrahydrofuran	5.032	42	2026	2.567	ug/l #	89
30) Chloroform	5.099	83	1635	0.589	ug/l	92
31) Cyclohexane	5.458	56	1219	0.542	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	1353	0.535	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1141	0.579	ug/l #	86
37) Ethyl Acetate	4.763	43	1375m	0.559	ug/l	
38) Carbon Tetrachloride	5.678	117	1193	0.528	ug/l #	83
39) Methylcyclohexane	7.373	83	1321	0.570	ug/l #	85
40) Benzene	6.038	78	3177	0.523	ug/l #	87

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41) Methacrylonitrile	4.952	41	548	0.433	ug/l #	34
42) 1,2-Dichloroethane	6.092	62	1478	0.664	ug/l #	77
43) Isopropyl Acetate	6.367	43	1850	0.500	ug/l #	66
44) Trichloroethene	7.135	130	968	0.603	ug/l	75
45) 1,2-Dichloropropane	7.428	63	770	0.567	ug/l	95
46) Dibromomethane	7.580	93	531	0.491	ug/l #	73
47) Bromodichloromethane	7.824	83	949	0.493	ug/l #	87
48) Methyl methacrylate	7.720	41	821m	0.484	ug/l	
49) 1,4-Dioxane	7.690	88	216	5.892	ug/l #	43
51) 4-Methyl-2-Pentanone	8.580	43	5874	2.647	ug/l	96
52) Toluene	8.720	92	2123	0.571	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	883	0.463	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	919	0.434	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	805	0.562	ug/l #	87
56) Ethyl methacrylate	9.128	69	903	0.407	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	1335	0.559	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	2529	2.354	ug/l	93
59) 2-Hexanone	9.445	43	3963	2.233	ug/l	96
60) Dibromochloromethane	9.525	129	783	0.465	ug/l	92
61) 1,2-Dibromoethane	9.616	107	840	0.533	ug/l	95
64) Tetrachloroethene	9.275	164	1003	0.654	ug/l #	81
65) Chlorobenzene	10.080	112	2390	0.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	715	0.471	ug/l #	57
67) Ethyl Benzene	10.195	91	3554	0.501	ug/l #	84
68) m/p-Xylenes	10.305	106	2792	0.983	ug/l	98
69) o-Xylene	10.647	106	1443	0.531	ug/l	100
70) Styrene	10.665	104	2139	0.479	ug/l	96
71) Bromoform	10.799	173	733	0.539	ug/l #	87
73) Isopropylbenzene	10.964	105	3301	0.496	ug/l	93
74) N-amyl acetate	10.854	43	1339	0.461	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	1252	0.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	1185m	0.667	ug/l	
77) Bromobenzene	11.201	156	1009	0.537	ug/l	80
78) n-propylbenzene	11.305	91	3730	0.534	ug/l	97
79) 2-Chlorotoluene	11.366	91	2687	0.597	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2943	0.543	ug/l	99
82) 4-Chlorotoluene	11.457	91	3071	0.601	ug/l	98
83) tert-Butylbenzene	11.713	119	3083	0.531	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2645	0.485	ug/l	88
85) sec-Butylbenzene	11.890	105	3375	0.507	ug/l	100
86) p-Isopropyltoluene	12.012	119	2851	0.477	ug/l	90
87) 1,3-Dichlorobenzene	11.976	146	1862	0.545	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	2151m	0.612	ug/l	
89) n-Butylbenzene	12.335	91	2041	0.425	ug/l	90
90) Hexachloroethane	12.536	117	422	0.422	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	1886	0.523	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	175	0.347	ug/l #	36
93) 1,2,4-Trichlorobenzene	13.591	180	1117	0.443	ug/l	96
94) Hexachlorobutadiene	13.725	225	640	0.508	ug/l	97
95) Naphthalene	13.780	128	3255	0.436	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1141	0.443	ug/l	95

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

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