Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038252.D
Acq On : 12 Oct 2023 13:24
Operator : JC/MD
Sample : 04699-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

Quant Time: Oct 13 06:38:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 06:37:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	119492	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	208938	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	205487	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105385	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	97201	50.574	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.140%				
35) Dibromofluoromethane	5.385	113	74098	49.217	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%				
50) Toluene-d8	8.647	98	274363	47.690	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.380%				
62) 4-Bromofluorobenzene	11.079	95	100863	46.246	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	234	0.203	ug/l	#	41
3) Chloromethane	1.294	50	333	0.283	ug/l	#	84
4) Vinyl Chloride	1.374	62	307	0.236	ug/l	#	64
5) Bromomethane	1.611	94	380	0.214	ug/l	#	71
6) Chloroethane	1.691	64	295	0.255	ug/l	#	66
7) Trichlorofluoromethane	1.886	101	643	0.250	ug/l		95
8) Diethyl Ether	2.142	74	310	0.323	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.331	101	321	0.286	ug/l	#	71
10) Methyl Iodide	2.459	142	399	0.247	ug/l	#	70
11) Tert butyl alcohol	2.947	59	1462	3.124	ug/l	#	78
13) Acrolein	2.233	56	324	1.186	ug/l	#	63
15) Acrylonitrile	3.075	53	850	0.972	ug/l		92
16) Acetone	2.380	43	1258	1.568	ug/l		90
17) Carbon Disulfide	2.508	76	729	0.231	ug/l	#	76
18) Methyl Acetate	2.697	43	732	0.213	ug/l		96
20) Methylene Chloride	2.794	84	671	0.445	ug/l	#	80
21) trans-1,2-Dichloroethene	3.099	96	327	0.242	ug/l	#	45
23) Vinyl Acetate	3.739	43	2286	0.761	ug/l		100
25) 2-Butanone	4.580	43	1205m	0.931	ug/l		
29) Tetrahydrofuran	5.032	42	641	0.761	ug/l	#	64
31) Cyclohexane	5.464	56	472m	0.227	ug/l		
36) 1,1-Dichloropropene	5.708	75	458	0.221	ug/l	#	42
39) Methylcyclohexane	7.385	83	504	0.207	ug/l	#	81
42) 1,2-Dichloroethane	6.092	62	531	0.229	ug/l	#	77
44) Trichloroethene	7.123	130	408	0.269	ug/l		75
51) 4-Methyl-2-Pentanone	8.580	43	1962	0.773	ug/l		98
52) Toluene	8.720	92	771	0.204	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	331	0.205	ug/l	#	77
58) 2-Chloroethyl Vinyl ether	8.257	63	801	0.658	ug/l		97
59) 2-Hexanone	9.439	43	1500	0.735	ug/l		92
65) Chlorobenzene	10.079	112	866	0.201	ug/l	#	83
68) m/p-Xylenes	10.305	106	1047	0.353	ug/l		93
76) 1,2,3-Trichloropropane	11.244	75	659m	0.275	ug/l		
77) Bromobenzene	11.207	156	464	0.269	ug/l		69
82) 4-Chlorotoluene	11.457	91	1295	0.214	ug/l		89
86) p-Isopropyltoluene	12.012	119	1277	0.201	ug/l	#	72

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.975	146	764	0.220 ug/l	92
88) 1,4-Dichlorobenzene	12.036	146	945m	0.267 ug/l	
89) n-Butylbenzene	12.335	91	1422	0.224 ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	757	0.227 ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	628	0.281 ug/l	92
94) Hexachlorobutadiene	13.731	225	191	0.212 ug/l	74
95) Naphthalene	13.780	128	1566	0.201 ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	459	0.212 ug/l	76

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

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