Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
Data File : VX035060.D
Acq On : 13 Apr 2023 13:40
Operator : JC/MD
Sample : 02325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

Quant Time: Apr 14 05:41:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	263072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173302	43.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.140%		
35) Dibromofluoromethane	5.385	113	133821	45.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	528459	48.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	197439	47.268	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.540%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1205	0.370	ug/l	91
8) Diethyl Ether	2.136	74	5130	2.783	ug/l	87
11) Tert butyl alcohol	2.983	59	2674552	3788.842	ug/l	99
14) Allyl chloride	2.654	41	20019	3.784	ug/l #	41
16) Acetone	2.386	43	99134	60.655	ug/l	95
17) Carbon Disulfide	2.508	76	6308	0.933	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	34711	3.471	ug/l	93
25) 2-Butanone	4.574	43	98738	41.531	ug/l #	80
29) Tetrahydrofuran	5.007	42	559588	375.721	ug/l	99
40) Benzene	6.038	78	58469	4.701	ug/l	100
49) 1,4-Dioxane	7.690	88	6839	89.160	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	19036	4.244	ug/l	88
52) Toluene	8.720	92	25798	3.181	ug/l	99
65) Chlorobenzene	10.080	112	17571	2.131	ug/l	97
67) Ethyl Benzene	10.195	91	94861	6.350	ug/l	96
68) m/p-Xylenes	10.299	106	42404	7.431	ug/l	99
69) o-Xylene	10.640	106	29447	5.268	ug/l	99
73) Isopropylbenzene	10.964	105	18464	1.411	ug/l	96
78) n-propylbenzene	11.305	91	6618	0.438	ug/l	92
79) 2-Chlorotoluene	11.366	91	5303	0.556	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	9209	0.842	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	34756	3.124	ug/l	99
85) sec-Butylbenzene	11.890	105	5565	0.445	ug/l	89
86) p-Isopropyltoluene	12.012	119	14124	1.355	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	26350	4.273	ug/l	89
89) n-Butylbenzene	12.335	91	5432	0.597	ug/l	88
91) 1,2-Dichlorobenzene	12.341	146	2936	0.497	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1753	0.524	ug/l	93
94) Hexachlorobutadiene	13.725	225	2614	1.777	ug/l	95
95) Naphthalene	13.774	128	159930	13.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1728	0.512	ug/l	83

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

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