Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025671.D
Acq On : 20 Mar 2020 21:18
Operator : CG/JU
Sample : L1972-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AG7

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:03 AM

Quant Time: Mar 20 23:48:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 23:10:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	167059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	708304	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	431513	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	887704	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	868480	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1020176	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	18784	4.72	ng/uL	0.00
5) Phenol-d5	6.76	99	373244	28.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	217565	28.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	313556	29.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	298305	27.54	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	156539	29.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	166458	29.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	320166	27.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	385714	29.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	964984	29.42	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1173423	29.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	147854	23.68	ng/ul	0.00
58) Fluorene-d10	15.22	176	846278	29.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	108378	20.01	ng/ul	0.00
71) Anthracene-d10	17.06	188	1246013	30.05	ng/ul	0.00
79) Pyrene-d10	19.36	212	1374734	32.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1698008	32.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	14687	1.067	ng/ul	98
45) Dimethylphthalate	13.68	163	97371	2.852	ng/ul	99
48) Acenaphthylene	13.93	152	87216	2.050	ng/ul	97
70) Phenanthrene	17.00	178	178605	3.418	ng/ul	99
77) Fluoranthene	19.02	202	527403	8.563	ng/ul	99
80) Pyrene	19.39	202	557395	9.556	ng/ul	99
83) Benzo(a)anthracene	21.14	228	328378m	5.735	ng/ul	
85) Chrysene	21.19	228	366208	6.519	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	594939	9.347	ng/ul	97
89) Benzo(k)fluoranthene	22.71	252	194792m	3.106	ng/ul	
91) Benzo(a)pyrene	23.21	252	433594	7.485	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	335448	4.385	ng/ul	96
93) Dibenzo(a,h)anthracene	25.43	278	84592	1.306	ng/ul#	85
94) Benzo(g,h,i)perylene	26.08	276	228631	3.626	ng/ul	99

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

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