Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024749.D
Acq On : 07 Feb 2020 06:28
Operator : CG/JU
Sample : L1398-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6F1

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:16 AM

Quant Time: Feb 07 15:58:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	272168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1064672	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	718058	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1564614	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1484408	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1611323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24426	4.32	ng/uL	0.00
5) Phenol-d5	6.60	99	445862	24.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	267127	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	411106	25.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	384833	25.22	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	209145	27.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244317	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	460031	25.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	523111	30.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1534741	28.32	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1798956	28.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	201516	22.88	ng/ul	0.00
58) Fluorene-d10	15.06	176	1347426	28.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	246589	24.18	ng/ul	0.00
71) Anthracene-d10	16.92	188	2066853	28.94	ng/ul	0.00
79) Pyrene-d10	19.22	212	2382580	32.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2445903	30.22	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.53	163	103926	1.838	ng/ul	99
70) Phenanthrene	16.86	178	491456	5.761	ng/ul	99
72) Anthracene	16.94	178	101272	1.171	ng/ul	97
77) Fluoranthene	18.89	202	979673	9.355	ng/ul	100
80) Pyrene	19.25	202	911559	9.277	ng/ul	100
83) Benzo(a)anthracene	21.02	228	499839	4.999	ng/ul	95
85) Chrysene	21.06	228	519499	5.277	ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	744168	7.263	ng/ul#	98
89) Benzo(k)fluoranthene	22.55	252	225539m	2.287	ng/ul	
91) Benzo(a)pyrene	23.04	252	468503	5.100	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	360191	3.150	ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	331349	3.484	ng/ul	97

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

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