Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
Data File : BM024015.D
Acq On : 06 Dec 2019 14:31
Operator : JU
Sample : K6007-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BL2

Manual Integrations APPROVED
mohammad
12/9/2019 3:09:08 PM

Quant Time: Dec 06 15:13:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:09:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	353009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1436105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	865554	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1759460	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1675493	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2024188	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	34034	4.29	ng/uL	0.00
5) Phenol-d5	6.67	99	621526	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	389228	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	502479	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	500329	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	241047	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	265703	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	483106	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	547737	20.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1467326	21.82	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1794847	22.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	166102	14.69	ng/ul	0.00
58) Fluorene-d10	15.14	176	1291392	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	167384	15.15	ng/ul	0.00
71) Anthracene-d10	16.99	188	1895203	22.55	ng/ul	0.00
79) Pyrene-d10	19.30	212	2106627	24.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	2559664	23.92	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.70	94	61111	1.920	ng/ul	97
45) Dimethylphthalate	13.61	163	532166	8.083	ng/ul	99
59) Fluorene	15.20	166	88796	1.374	ng/ul	97
70) Phenanthrene	16.93	178	724912	7.293	ng/ul	99
72) Anthracene	17.03	178	179660	1.780	ng/ul	98
77) Fluoranthene	18.96	202	862015	8.087	ng/ul	99
80) Pyrene	19.33	202	673999	5.970	ng/ul	98
83) Benzo(a)anthracene	21.09	228	329223	2.940	ng/ul	98
85) Chrysene	21.14	228	299226m	2.845	ng/ul	
88) Benzo(b)fluoranthene	22.61	252	391324	3.126	ng/ul#	94
89) Benzo(k)fluoranthene	22.64	252	131649m	1.108	ng/ul	
91) Benzo(a)pyrene	23.15	252	289841	2.449	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.36	276	181546	1.235	ng/ul	96
94) Benzo(g,h,i)perylene	26.01	276	166707	1.354	ng/ul	97

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

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