Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024162.D
Acq On : 18 Dec 2019 21:00
Operator : JU
Sample : K6171-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS6

Manual Integrations APPROVED
mohammad
12/19/2019 11:15:56 AM

Quant Time: Dec 19 03:11:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	344725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1611321	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1034223	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2160710	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1853121	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1763487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	26718	3.42	ng/uL	0.00
5) Phenol-d5	6.65	99	629230	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	399782	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	480952	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	506583	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	241799	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	260427	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	509535	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	504860	16.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1693934	22.15	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2043008	22.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	152087	11.08	ng/ul	0.00
58) Fluorene-d10	15.11	176	1537652	22.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	140274	10.64	ng/ul	0.00
71) Anthracene-d10	16.96	188	2330086	23.70	ng/ul	0.00
79) Pyrene-d10	19.27	212	2519275	28.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2197759	25.09	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	36777	1.091	ng/ul	94
14) Acetophenone	8.28	105	46732	1.161	ng/ul	99
16) 4-Methylphenol	8.23	108	31895	1.146	ng/ul	98
45) Dimethylphthalate	13.58	163	333912	4.201	ng/ul	100
70) Phenanthrene	16.90	178	333761	2.759	ng/ul	99
77) Fluoranthene	18.93	202	1475191	11.189	ng/ul	100
80) Pyrene	19.30	202	1135029	9.382	ng/ul	98
81) Butylbenzylphthalate	20.23	149	1280543	26.868	ng/ul	98
83) Benzo(a)anthracene	21.06	228	574010	4.862	ng/ul	100
85) Chrysene	21.12	228	494398	4.272	ng/ul	97
88) Benzo(b)fluoranthene	22.59	252	626399	5.936	ng/ul	97
89) Benzo(k)fluoranthene	22.62	252	205786m	1.988	ng/ul	
91) Benzo(a)pyrene	23.12	252	383419	4.017	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	244033	2.129	ng/ul	96
94) Benzo(g,h,i)perylene	25.96	276	229511	2.452	ng/ul	99

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

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