Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024361.D
Acq On : 28 Dec 2019 22:11
Operator : JU
Sample : K6278-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C84

Manual Integrations APPROVED
mohammad
12/29/2019 5:30:09 PM

Quant Time: Dec 29 02:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 01:30:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	242856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	989401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	554767	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1126278	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1076458	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1304493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	28281	5.14	ng/uL	0.00
5) Phenol-d5	6.62	99	469463	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	326550	23.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	380763	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	318058	16.92	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	178102	25.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	193648	24.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	342309	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	346130	18.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	1017335	24.80	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1255738	25.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	107483	14.59	ng/ul	0.01
58) Fluorene-d10	15.08	176	900695	25.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	85953	12.51	ng/ul	0.00
71) Anthracene-d10	16.93	188	1268551	24.75	ng/ul	0.00
79) Pyrene-d10	19.24	212	1426892	27.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1704561	26.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.65	94	51223	2.157	ng/ul	94
45) Dimethylphthalate	13.55	163	144149	3.381	ng/ul	99
70) Phenanthrene	16.87	178	145773	2.312	ng/ul	98
77) Fluoranthene	18.91	202	397779	5.788	ng/ul	98
80) Pyrene	19.27	202	337583	4.804	ng/ul	98
83) Benzo(a)anthracene	21.03	228	177091	2.582	ng/ul	99
85) Chrysene	21.09	228	203801	3.032	ng/ul	96
88) Benzo(b)fluoranthene	22.55	252	296209	3.795	ng/ul#	94
89) Benzo(k)fluoranthene	22.59	252	107702m	1.406	ng/ul	
91) Benzo(a)pyrene	23.08	252	189337	2.681	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.27	276	147143	1.735	ng/ul	95
94) Benzo(g,h,i)perylene	25.90	276	149733	2.163	ng/ul	95

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

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