Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023960.D
Acq On : 28 Nov 2019 19:38
Operator : JU
Sample : K5851-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA3

Manual Integrations APPROVED
mohammad
11/29/2019 8:51:39 AM

Quant Time: Nov 28 22:44:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	434850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1748926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1040929	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2111576	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	2113520	20.00	ng/ul	-0.01
86) Perylene-d12	23.25	264	2633553	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	33001	3.38	ng/uL	0.00
5) Phenol-d5	6.67	99	593314	15.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	351930	15.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	480796	16.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	445101	14.80	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	221709	16.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	241462	15.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	462857	15.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	390043	12.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1363575	16.86	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1661932	17.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	143804	10.58	ng/ul	0.00
58) Fluorene-d10	15.14	176	1232368	18.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	135004	10.18	ng/ul	0.00
71) Anthracene-d10	17.00	188	1866325	18.51	ng/ul	0.00
79) Pyrene-d10	19.30	212	2055835	18.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2629010	18.89	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.70	94	64520	1.646	ng/ul	92
14) Acetophenone	8.32	105	80250	1.746	ng/ul	96
45) Dimethylphthalate	13.62	163	369376	4.665	ng/ul	98
48) Acenaphthylene	13.86	152	96988	1.012	ng/ul	99
77) Fluoranthene	18.97	202	711263	5.560	ng/ul	99
80) Pyrene	19.33	202	632912	4.444	ng/ul	99
83) Benzo(a)anthracene	21.09	228	499113	3.533	ng/ul	95
85) Chrysene	21.14	228	426739	3.217	ng/ul	96
88) Benzo(b)fluoranthene	22.62	252	685194	4.207	ng/ul#	94
89) Benzo(k)fluoranthene	22.66	252	227249m	1.470	ng/ul	
91) Benzo(a)pyrene	23.16	252	477117	3.098	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.37	276	319418	1.670	ng/ul	95
94) Benzo(g,h,i)perylene	26.01	276	287832	1.797	ng/ul	95

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

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