Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023388.D
Acq On : 24 Oct 2019 20:29
Operator : JU
Sample : K5346-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL8DL

Manual Integrations APPROVED
mohammad
10/26/2019 10:04:12 AM

Quant Time: Oct 24 23:18:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	651878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2498751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1344085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2193964	20.00	ng/ul	0.01
78) Chrysene-d12	21.24	240	1990148	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	2534274	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	11796	0.86	ng/uL	0.00
5) Phenol-d5	6.83	99	231970	4.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	161528	5.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	215107	5.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	161737	3.64	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	109677	5.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	108916	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	207217	5.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	162202	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	638513	6.26	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	711944	6.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	35108	1.99	ng/ul	0.02
58) Fluorene-d10	15.29	176	511294	5.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	11896	0.87	ng/ul	0.02
71) Anthracene-d10	17.14	188	696450	6.72	ng/ul	0.00
79) Pyrene-d10	19.44	212	648170	5.92	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.31	264	821586	6.36	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.47	128	291158	2.273	ng/ul	97
45) Dimethylphthalate	13.76	163	211303	2.062	ng/ul#	98
48) Acenaphthylene	14.02	152	372198	3.071	ng/ul	99
70) Phenanthrene	17.09	178	230748	1.882	ng/ul	99
72) Anthracene	17.17	178	663187	5.339	ng/ul	99
77) Fluoranthene	19.11	202	1206874	9.437	ng/ul	98
80) Pyrene	19.47	202	1498353	10.662	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1418696	10.659	ng/ul	94
85) Chrysene	21.27	228	2471015	20.120	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	5165831	31.738	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1424315m	9.319	ng/ul	
91) Benzo(a)pyrene	23.36	252	2962508	20.105	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2369711	14.852	ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	627878	4.667	ng/ul#	86
94) Benzo(g,h,i)perylene	26.34	276	1785560	13.755	ng/ul	97

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

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