Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB1

Manual Integrations APPROVED
mohammad
7/1/2019 2:44:37 PM

Quant Time: Jul 02 04:34:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	359028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1520750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	882018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1679350	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1339155	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1668157	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	15760	2.08	ng/uL	0.00
5) Phenol-d5	6.93	99	442207	14.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	256558	13.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	379028	14.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	334177	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	199553	16.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	240720	17.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	447764	16.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	466523	16.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1369702	17.19	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1605793	16.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	145720	11.24	ng/ul	0.00
57) Fluorene-d10	15.40	176	1104466	15.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	89289	8.65	ng/ul	0.00
70) Anthracene-d10	17.25	188	1460359	16.73	ng/ul	0.00
78) Pyrene-d10	19.54	212	1387661	17.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1673843	17.01	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	228503	3.150	ng/ul	99
49) Acenaphthene	14.46	153	88893	1.452	ng/ul	99
58) Fluorene	15.45	166	103256	1.458	ng/ul	100
69) Phenanthrene	17.19	178	2857722	30.769	ng/ul	99
71) Anthracene	17.29	178	330703	3.494	ng/ul	99
74) Carbazole	17.56	167	215598	2.764	ng/ul	98
76) Fluoranthene	19.22	202	5388822	53.698	ng/ul	100
79) Pyrene	19.58	202	4288066	45.293	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2027265	22.205	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	121133	2.428	ng/ul	99
84) Chrysene	21.38	228	2502537	29.268	ng/ul	98
87) Benzo(b)fluoranthene	22.94	252	3601217	34.080	ng/ul#	98
88) Benzo(k)fluoranthene	22.97	252	1313170m	12.918	ng/ul	
90) Benzo(a)pyrene	23.52	252	2331048	23.437	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	1895035	16.181	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.91	278	455716m	4.625	ng/ul	
93) Benzo(g,h,i)perylene	26.62	276	1700973	17.634	ng/ul	98

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

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