Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100795.D
Acq On : 5 Dec 2019 18:54
Operator : JU
Sample : K6053-02DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-084-SW178-112519-1DL

Manual Integrations APPROVED
mohammad
12/6/2019 3:02:49 PM

Quant Time: Dec 06 10:06:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	6691	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	32705	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	20127	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	44995	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	46138	0.40	ng		0.00
34) Perylene-d12	23.75	264	53557	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	3293	0.21	ng		0.00
5) Phenol-d6	6.93	99	5434	0.23	ng		0.00
8) Nitrobenzene-d5	8.90	82	3686	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	6886	0.15	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	939	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	9627	0.12	ng		0.00
25) Fluoranthene-d10	19.16	212	68563	0.13	ng		0.00
29) Terphenyl-d14	19.76	244	13897	0.13	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.59	128	48999	0.141	ng		99
12) 2-Methylnaphthalene	12.21	142	5819	0.107	ng		99
16) Acenaphthylene	14.11	152	46520	0.559	ng		99
17) Acenaphthene	14.46	154	3685	0.064	ng		94
18) Fluorene	15.43	166	12624m	0.171	ng		
22) Pentachlorophenol	16.79	266	84	0.051	ng		90
23) Phenanthrene	17.17	178	326421	2.395	ng		100
24) Anthracene	17.25	178	59561	0.523	ng		98
26) Fluoranthene	19.19	202	690482	4.245	ng		99
28) Pyrene	19.55	202	751954	5.016	ng		96
30) Benzo(a)anthracene	21.29	228	459982m	3.382	ng		
31) Chrysene	21.34	228	390593	2.444	ng		97
32) Bis(2-ethylhexyl)phthalate	21.25	149	23286	0.225	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	225881	1.623	ng		97
35) Benzo(b)fluoranthene	23.01	252	475790	3.245	ng		99
36) Benzo(k)fluoranthene	23.05	252	161364m	0.981	ng		
37) Benzo(a)pyrene	23.64	252	373926	2.946	ng		99
38) Dibenzo(a,h)anthracene	26.35	278	61735	0.489	ng	#	92
39) Benzo(g,h,i)perylene	27.12	276	226067	1.674	ng		99

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

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