Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011720\
Data File : BE101091.D
Acq On : 17 Jan 2020 18:57
Operator : JU
Sample : L1167-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PF-1MSD

Manual Integrations APPROVED
mohammad
1/21/2020 7:57:29 AM

Quant Time: Jan 17 23:36:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1162	0.40	ng		-0.02
7) Naphthalene-d8	10.50	136	4770	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	3537	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	10665	0.40	ng		0.00
27) Chrysene-d12	21.27	240	22750	0.40	ng		-0.01
34) Perylene-d12	23.68	264	24951	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1129	0.43	ng		0.00
5) Phenol-d6	6.90	99	1582	0.48	ng		-0.02
8) Nitrobenzene-d5	8.87	82	1245	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	2921	0.32	ng		-0.02
14) 2,4,6-Tribromophenol	15.85	330	356	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	4660	0.35	ng		-0.02
25) Fluoranthene-d10	19.12	212	69558	0.47	ng		-0.01
29) Terphenyl-d14	19.73	244	15886	0.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	915	0.293	ng	#	27
3) n-Nitrosodimethylamine	3.58	42	821	0.508	ng	#	73
6) bis(2-Chloroethyl)ether	7.15	93	1070	0.272	ng		98
9) Naphthalene	10.55	128	19442	0.367	ng	#	98
10) Hexachlorobutadiene	10.83	225	767	0.342	ng		98
12) 2-Methylnaphthalene	12.17	142	2909	0.363	ng		96
16) Acenaphthylene	14.07	152	4927	0.342	ng		99
17) Acenaphthene	14.41	154	3410	0.331	ng		98
18) Fluorene	15.39	166	4521	0.347	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	1480	0.285	ng		94
21) Hexachlorobenzene	16.40	284	1561	0.274	ng		100
22) Pentachlorophenol	16.76	266	196	0.348	ng		93
23) Phenanthrene	17.13	178	9706	0.333	ng		99
24) Anthracene	17.23	178	9621	0.350	ng		96
26) Fluoranthene	19.15	202	19400	0.532	ng		100
28) Pyrene	19.51	202	22636	0.267	ng		99
30) Benzo(a)anthracene	21.26	228	26154	0.403	ng		97
31) Chrysene	21.30	228	33518	0.347	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	70364	0.650	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	23280	0.305	ng	#	95
35) Benzo(b)fluoranthene	22.95	252	24432	0.349	ng		97
36) Benzo(k)fluoranthene	22.99	252	31890m	0.314	ng		
37) Benzo(a)pyrene	23.58	252	24682	0.365	ng		98
38) Dibenzo(a,h)anthracene	26.25	278	17747	0.285	ng		97
39) Benzo(g,h,i)perylene	27.01	276	21135	0.276	ng		98

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

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