Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100705.D
Acq On : 7 Nov 2019 17:20
Operator : JU
Sample : K5725-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SO-3MSD

Manual Integrations APPROVED
Sohil
11/8/2019 3:32:26 PM

Quant Time: Nov 08 11:35:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4395	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	24208	0.40	ng		0.01
13) Acenaphthene-d10	14.51	164	37431	0.40	ng		0.04
19) Phenanthrene-d10	17.25	188	27861	0.40	ng		0.05
27) Chrysene-d12	21.38	240	24023	0.40	ng		0.02
34) Perylene-d12	23.86	264	31716	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	3048	0.22	ng		0.00
5) Phenol-d6	7.01	99	6748	0.35	ng		0.00
8) Nitrobenzene-d5	9.00	82	101382	6.76	ng		0.01
11) 2-Methylnaphthalene-d10	12.25	152	26813	0.70	ng		0.03
14) 2,4,6-Tribromophenol	16.01	330	788	0.08	ng		0.07
15) 2-Fluorobiphenyl	13.12	172	12169m	0.09	ng		0.01
25) Fluoranthene-d10	19.26	212	339990m	0.95	ng		0.05
29) Terphenyl-d14	19.84	244	25742	0.49	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1166	0.149	ng	#	53
3) n-Nitrosodimethylamine	3.68	42	1441	0.174	ng	#	86
6) bis(2-Chloroethyl)ether	7.27	93	6635	0.422	ng	#	1
9) Naphthalene	10.69	128	1075254	4.224	ng	#	95
10) Hexachlorobutadiene	10.99	225	2040	0.184	ng		97
12) 2-Methylnaphthalene	12.32	142	142000	3.273	ng	#	42
16) Acenaphthylene	14.24	152	226686	1.407	ng	#	28
17) Acenaphthene	14.57	154	200355	1.925	ng	#	65
18) Fluorene	15.55	166	563737	4.078	ng	#	59
20) 4-Bromophenyl-phenylether	16.44	248	8994	0.634	ng	#	1
21) Hexachlorobenzene	16.60	284	2923m	0.216	ng		
22) Pentachlorophenol	16.87	266	1770	0.407	ng	#	8
23) Phenanthrene	17.29	178	2068145	26.987	ng	#	72
24) Anthracene	17.37	178	376936	5.301	ng	#	83
26) Fluoranthene	19.33	202	3329838	33.292	ng		98
28) Pyrene	19.67	202	4092693	60.978	ng	#	85
30) Benzo(a)anthracene	21.37	228	2553516	32.585	ng		92
31) Chrysene	21.43	228	2155257	27.520	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	91899	0.561	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.49	276	2363713	24.558	ng		95
35) Benzo(b)fluoranthene	23.11	252	3601840	38.947	ng		99
36) Benzo(k)fluoranthene	23.15	252	1260423m	13.252	ng		
37) Benzo(a)pyrene	23.76	252	2825147	32.818	ng		98
38) Dibenzo(a,h)anthracene	26.50	278	657085	7.385	ng		95
39) Benzo(g,h,i)perylene	27.30	276	2231354	24.935	ng		99

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

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