Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099689.D
Acq On : 21 May 2019 14:44
Operator : JU/SJ
Sample : K2944-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-1(14.5-15)MSD

Manual Integrations APPROVED
mohammad
5/23/2019 8:41:26 AM

Quant Time: May 21 15:18:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1797	0.40	ng		0.01
7) Naphthalene-d8	10.63	136	5939	0.40	ng		0.01
13) Acenaphthene-d10	14.50	164	3876	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	10764	0.40	ng		0.01
27) Chrysene-d12	21.43	240	17641	0.40	ng		0.01
34) Perylene-d12	23.97	264	21860	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1793	0.39	ng		0.01
5) Phenol-d6	6.99	99	2468	0.41	ng		0.01
8) Nitrobenzene-d5	8.99	82	2046	0.40	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	3551m	0.35	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	898	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.11	172	5313	0.36	ng		0.01
25) Fluoranthene-d10	19.27	212	56580	0.38	ng		0.00
29) Terphenyl-d14	19.87	244	11980	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	741	0.279	ng	#	59
3) n-Nitrosodimethylamine	3.62	42	556	0.379	ng	#	79
6) bis(2-Chloroethyl)ether	7.25	93	2027	0.379	ng		99
9) Naphthalene	10.68	128	24386	0.384	ng		100
10) Hexachlorobutadiene	10.96	225	1677	0.359	ng		99
12) 2-Methylnaphthalene	12.31	142	4024	0.389	ng		100
16) Acenaphthylene	14.21	152	6913	0.383	ng		99
17) Acenaphthene	14.55	154	3821	0.377	ng		97
18) Fluorene	15.53	166	5429	0.364	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	2367	0.381	ng	#	88
21) Hexachlorobenzene	16.55	284	2303	0.363	ng		99
22) Pentachlorophenol	16.89	266	2303	1.235	ng		86
23) Phenanthrene	17.28	178	10277	0.391	ng		100
24) Anthracene	17.38	178	9681	0.406	ng		99
26) Fluoranthene	19.30	202	16804	0.404	ng		99
28) Pyrene	19.66	202	17828	0.402	ng		99
30) Benzo(a)anthracene	21.40	228	21837	0.436	ng		99
31) Chrysene	21.46	228	21492	0.401	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	45062	0.780	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	24130	0.373	ng		100
35) Benzo(b)fluoranthene	23.18	252	21026	0.351	ng	#	93
36) Benzo(k)fluoranthene	23.23	252	21461	0.344	ng	#	95
37) Benzo(a)pyrene	23.85	252	20319	0.352	ng	#	95
38) Dibenzo(a,h)anthracene	26.68	278	20294	0.335	ng	#	95
39) Benzo(g,h,i)perylene	27.49	276	20095	0.329	ng		100

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

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