Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100473.D
Acq On : 19 Jul 2019 17:13
Operator : HP/JU
Sample : K3911-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HJDC-COMP1MS

Manual Integrations APPROVED
mohammad
7/24/2019 8:29:59 AM

Quant Time: Jul 22 19:24:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:59:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4143	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	17368	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	10678	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	22849	0.40	ng		0.01
27) Chrysene-d12	21.39	240	27787	0.40	ng		0.01
34) Perylene-d12	23.97	264	31121m	0.40	ng		0.11
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	3253	0.32	ng		0.00
5) Phenol-d6	7.04	99	5350	0.37	ng		0.01
8) Nitrobenzene-d5	9.02	82	4547	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	6623m	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1104	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	9307	0.21	ng		0.00
25) Fluoranthene-d10	19.25	212	68560	0.21	ng		0.00
29) Terphenyl-d14	19.85	244	15024	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1287	0.202	ng	#	54
3) n-Nitrosodimethylamine	3.68	42	1146	0.312	ng	#	75
6) bis(2-Chloroethyl)ether	7.30	93	4460	0.356	ng		85
9) Naphthalene	10.72	128	391016	2.353	ng		100
10) Hexachlorobutadiene	11.02	225	2063	0.259	ng		97
12) 2-Methylnaphthalene	12.32	142	54086	1.866	ng		98
16) Acenaphthylene	14.23	152	122155	2.490	ng		98
17) Acenaphthene	14.57	154	85169	2.854	ng		97
18) Fluorene	15.53	166	203390	5.124	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	3243	0.308	ng	#	79
21) Hexachlorobenzene	16.55	284	2890	0.263	ng		93
22) Pentachlorophenol	16.89	266	1641	0.467	ng		99
23) Phenanthrene	17.27	178	1775791	31.416	ng		99
24) Anthracene	17.36	178	500260	9.472	ng		98
26) Fluoranthene	19.28	202	3149735	37.501	ng		97
28) Pyrene	19.64	202	2862598	35.034	ng	#	92
30) Benzo(a)anthracene	21.38	228	1711275	20.192	ng		96
31) Chrysene	21.43	228	1357330	16.056	ng		95
32) Bis(2-ethylhexyl)phthalate	21.31	149	358562	1.906	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.79	276	853216m	9.336	ng		
35) Benzo(b)fluoranthene	23.18	252	1660898m	19.314	ng		
36) Benzo(k)fluoranthene	23.21	252	833298m	9.120	ng		
37) Benzo(a)pyrene	23.84	252	1503373m	18.126	ng		
38) Dibenzo(a,h)anthracene	26.79	278	174985m	2.240	ng		
39) Benzo(g,h,i)perylene	27.71	276	459523m	5.710	ng		

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

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