Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007416.D
Acq On : 26 Aug 2019 19:00
Operator : HP/JU
Sample : K4514-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

Manual Integrations APPROVED
JAGRUT
8/30/2019 8:57:13 AM

Quant Time: Aug 27 06:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4925	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	19056	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	11170	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	21875	0.40	ng		0.00
27) Chrysene-d12	21.02	240	23662	0.40	ng		0.00
34) Perylene-d12	23.13	264	27329	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	6680	0.39	ng		0.00
5) Phenol-d6	6.59	99	8486	0.39	ng		0.00
8) Nitrobenzene-d5	8.53	82	6362m	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12740m	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2471	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	14742	0.33	ng		0.00
25) Fluoranthene-d10	18.84	212	27141	0.39	ng		0.00
29) Terphenyl-d14	19.46	244	19891	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	2141	0.262	ng	#	84
3) n-Nitrosodimethylamine	3.31	42	1068	0.281	ng	#	56
6) bis(2-Chloroethyl)ether	6.84	93	6300	0.354	ng		94
9) Naphthalene	10.20	128	25642	0.471	ng	#	90
10) Hexachlorobutadiene	10.51	225	3726	0.334	ng	#	100
12) 2-Methylnaphthalene	11.83	142	23086	0.622	ng		97
16) Acenaphthylene	13.76	152	35379	0.535	ng		95
17) Acenaphthene	14.11	154	44666	1.155	ng		98
18) Fluorene	15.10	166	55868	1.142	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	1695	0.196	ng	#	85
21) Hexachlorobenzene	16.12	284	5381	0.367	ng		99
22) Pentachlorophenol	16.46	266	3598	0.790	ng	#	63
23) Phenanthrene	16.84	178	603366	9.170	ng		99
24) Anthracene	16.93	178	153899	2.325	ng		96
26) Fluoranthene	18.87	202	1904942	22.548	ng		99
28) Pyrene	19.24	202	1594037	16.747	ng	#	94
30) Benzo(a)anthracene	21.01	228	903346	9.721	ng		98
31) Chrysene	21.06	228	806652	8.993	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	35250	0.567	ng		95
33) Indeno(1,2,3-cd)pyrene	25.19	276	564349	5.223	ng		98
35) Benzo(b)fluoranthene	22.51	252	1096424	11.073	ng	#	95
36) Benzo(k)fluoranthene	22.55	252	443699m	4.534	ng		
37) Benzo(a)pyrene	23.03	252	822311m	8.727	ng		
38) Dibenzo(a,h)anthracene	25.20	278	169558	1.803	ng		93
39) Benzo(g,h,i)perylene	25.82	276	537754	5.741	ng		97

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

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