Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007371.D
Acq On : 24 Aug 2019 19:42
Operator : HP/JU
Sample : K4443-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S701-N-1.0-1.5-082019MS

Manual Integrations APPROVED
mohammad
8/31/2019 2:40:18 PM

Quant Time: Aug 25 00:34:50 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	5842	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	23471	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	11815	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	25191	0.40	ng		0.00
27) Chrysene-d12	21.02	240	27402	0.40	ng		0.00
34) Perylene-d12	23.13	264	31947	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	4466	0.21	ng		0.00
5) Phenol-d6	6.59	99	5634	0.20	ng		0.00
8) Nitrobenzene-d5	8.53	82	4288	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	8378m	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1262	0.20	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	9935	0.21	ng		0.00
25) Fluoranthene-d10	18.84	212	15765	0.19	ng		0.00
29) Terphenyl-d14	19.46	244	11250	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2065	0.213	ng	#	75
3) n-Nitrosodimethylamine	3.32	42	1104	0.245	ng	#	81
6) bis(2-Chloroethyl)ether	6.84	93	5270	0.250	ng		97
9) Naphthalene	10.20	128	18191	0.271	ng	#	91
10) Hexachlorobutadiene	10.51	225	3368	0.245	ng	#	98
12) 2-Methylnaphthalene	11.83	142	12085	0.265	ng		98
16) Acenaphthylene	13.76	152	20363	0.291	ng		99
17) Acenaphthene	14.11	154	10911	0.267	ng		98
18) Fluorene	15.10	166	13488	0.261	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	1616	0.163	ng	#	91
21) Hexachlorobenzene	16.12	284	4626	0.274	ng		96
22) Pentachlorophenol	16.46	266	1478	0.282	ng	#	64
23) Phenanthrene	16.84	178	32860	0.434	ng		100
24) Anthracene	16.93	178	23502	0.308	ng		98
26) Fluoranthene	18.88	202	68231	0.701	ng		100
28) Pyrene	19.24	202	63700	0.578	ng		98
30) Benzo(a)anthracene	21.01	228	54447	0.506	ng		98
31) Chrysene	21.06	228	59814	0.576	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	18943	0.253	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	59655	0.477	ng		99
35) Benzo(b)fluoranthene	22.51	252	80402	0.695	ng	#	95
36) Benzo(k)fluoranthene	22.55	252	49658	0.434	ng	#	94
37) Benzo(a)pyrene	23.03	252	56479m	0.513	ng		
38) Dibenzo(a,h)anthracene	25.21	278	36361	0.331	ng		97
39) Benzo(g,h,i)perylene	25.81	276	55013	0.502	ng		97

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

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