Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007370.D
Acq On : 24 Aug 2019 19:06
Operator : HP/JU
Sample : K4471-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:40:15 PM

Quant Time: Aug 25 00:32:40 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	4877	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	19530	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	9910	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	20710	0.40	ng		0.00
27) Chrysene-d12	21.02	240	22316	0.40	ng		0.00
34) Perylene-d12	23.13	264	26494	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5646	0.33	ng		0.00
5) Phenol-d6	6.59	99	6859	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	5290	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	8839m	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1563	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	10700	0.27	ng		0.00
25) Fluoranthene-d10	18.84	212	15097	0.23	ng		0.00
29) Terphenyl-d14	19.47	244	10551	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2100	0.259	ng	#	95
3) n-Nitrosodimethylamine	3.31	42	1302	0.346	ng	#	92
6) bis(2-Chloroethyl)ether	6.84	93	5799	0.329	ng		96
9) Naphthalene	10.20	128	19772	0.354	ng	#	91
10) Hexachlorobutadiene	10.51	225	3709	0.324	ng	#	98
12) 2-Methylnaphthalene	11.83	142	13434	0.353	ng		98
16) Acenaphthylene	13.76	152	20472	0.349	ng		99
17) Acenaphthene	14.11	154	12861	0.375	ng		98
18) Fluorene	15.10	166	15538	0.358	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2770	0.339	ng		92
21) Hexachlorobenzene	16.11	284	4920	0.354	ng		97
22) Pentachlorophenol	16.46	266	1905	0.442	ng	#	65
23) Phenanthrene	16.84	178	40259	0.646	ng		98
24) Anthracene	16.93	178	25995	0.415	ng		98
26) Fluoranthene	18.87	202	61747	0.772	ng		100
28) Pyrene	19.24	202	58824	0.655	ng		97
30) Benzo(a)anthracene	21.00	228	48350	0.552	ng		98
31) Chrysene	21.06	228	47317	0.559	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	21800	0.365	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	50926	0.500	ng		99
35) Benzo(b)fluoranthene	22.51	252	54461m	0.567	ng		
36) Benzo(k)fluoranthene	22.55	252	44203	0.466	ng		98
37) Benzo(a)pyrene	23.03	252	48524	0.531	ng	#	95
38) Dibenzo(a,h)anthracene	25.20	278	35814	0.393	ng	#	92
39) Benzo(g,h,i)perylene	25.82	276	45604	0.502	ng		97

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

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