Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007297.D
Acq On : 21 Aug 2019 19:22
Operator : HP/JU
Sample : K4440-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S302-J-1.5-2.0-082019MS

Manual Integrations APPROVED
Jagrut
8/26/2019 12:24:41 PM

Quant Time: Aug 22 05:38:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5632	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	20963	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	11727	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	28449	0.40	ng		0.00
27) Chrysene-d12	21.04	240	41813	0.40	ng		0.00
34) Perylene-d12	23.14	264	43810	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3602	0.21	ng		0.00
5) Phenol-d6	6.60	99	4447	0.22	ng		0.00
8) Nitrobenzene-d5	8.54	82	3169	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	7281m	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1363	0.21	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	9076	0.18	ng		0.00
25) Fluoranthene-d10	18.85	212	17192	0.19	ng		0.00
29) Terphenyl-d14	19.47	244	17762	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1344	0.168	ng	#	57
3) n-Nitrosodimethylamine	3.32	42	953	0.178	ng	#	89
6) bis(2-Chloroethyl)ether	6.85	93	3584	0.215	ng		97
9) Naphthalene	10.22	128	15089	0.254	ng		98
10) Hexachlorobutadiene	10.52	225	2354	0.180	ng	#	98
12) 2-Methylnaphthalene	11.84	142	10380	0.252	ng		99
16) Acenaphthylene	13.77	152	22759	0.366	ng		97
17) Acenaphthene	14.11	154	109367	2.760	ng		99
18) Fluorene	15.12	166	113944	2.201	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	3326	0.204	ng	#	76
21) Hexachlorobenzene	16.12	284	3284	0.174	ng		97
22) Pentachlorophenol	16.46	266	3132	0.414	ng		94
23) Phenanthrene	16.85	178	2370502	26.585	ng		99
24) Anthracene	16.94	178	914051	11.385	ng		98
26) Fluoranthene	18.89	202	9140425	84.630	ng		97
28) Pyrene	19.25	202	8470762	54.175	ng	#	90
30) Benzo(a)anthracene	21.02	228	6016065	38.694	ng		96
31) Chrysene	21.07	228	4643621m	29.267	ng		
32) Bis(2-ethylhexyl)phthalate	20.98	149	46640	0.751	ng	#	78
33) Indeno(1,2,3-cd)pyrene	25.22	276	2666644	13.967	ng		96
35) Benzo(b)fluoranthene	22.53	252	6293785	38.535	ng		99
36) Benzo(k)fluoranthene	22.56	252	2370962m	14.818	ng		
37) Benzo(a)pyrene	23.06	252	4698613	31.921	ng		98
38) Dibenzo(a,h)anthracene	25.22	278	829285	5.363	ng		96
39) Benzo(g,h,i)perylene	25.85	276	2358392	15.088	ng		99

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

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