Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008028.D
Acq On : 05 Oct 2019 16:28
Operator : JU
Sample : K5078-19MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MSD

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:44 PM

Quant Time: Oct 07 06:44:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4491	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	17345	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	10915	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	21557	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	22461	0.40	ng		-0.02
34) Perylene-d12	23.46	264	23940	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3242	0.21	ng		0.00
5) Phenol-d6	6.87	99	4195	0.21	ng		0.00
8) Nitrobenzene-d5	8.82	82	3919	0.26	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7525	0.26	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1373	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	9529	0.21	ng		-0.02
25) Fluoranthene-d10	19.09	212	16361	0.23	ng		-0.02
29) Terphenyl-d14	19.69	244	13811	0.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1225m	0.245	ng		
6) bis(2-Chloroethyl)ether	7.11	93	3589	0.282	ng		92
9) Naphthalene	10.49	128	12812	0.263	ng		97
10) Hexachlorobutadiene	10.79	225	2672	0.261	ng	#	99
12) 2-Methylnaphthalene	12.11	142	8567	0.260	ng		98
16) Acenaphthylene	14.02	152	15696	0.271	ng		100
17) Acenaphthene	14.37	154	10407	0.279	ng		99
18) Fluorene	15.36	166	13753	0.288	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	3387	0.259	ng		97
21) Hexachlorobenzene	16.37	284	3741	0.262	ng		97
22) Pentachlorophenol	16.72	266	1178	0.223	ng		98
23) Phenanthrene	17.09	178	117976	1.757	ng		100
24) Anthracene	17.19	178	23260	0.384	ng		99
26) Fluoranthene	19.12	202	227117	2.720	ng		100
28) Pyrene	19.48	202	186445	2.434	ng		97
30) Benzo(a)anthracene	21.23	228	87600	1.059	ng		98
31) Chrysene	21.28	228	91092	1.130	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	19025	0.447	ng		100
33) Indeno(1,2,3-cd)pyrene	25.67	276	75760	0.751	ng		96
35) Benzo(b)fluoranthene	22.80	252	117000	1.408	ng	#	96
36) Benzo(k)fluoranthene	22.84	252	64159m	0.781	ng		
37) Benzo(a)pyrene	23.37	252	85500	1.095	ng	#	96
38) Dibenzo(a,h)anthracene	25.68	278	30567	0.382	ng	#	87
39) Benzo(g,h,i)perylene	26.35	276	73722	0.932	ng		98

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

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