Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100219\
Data File : BN007973.D
Acq On : 02 Oct 2019 19:41
Operator : JU
Sample : PB123460BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB123460BS

Manual Integrations APPROVED
mohammad
10/4/2019 8:16:38 AM

Quant Time: Oct 03 13:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	53	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	24	0.40	ng		-0.01
13) Acenaphthene-d10	14.28	164	60	0.40	ng		-0.04
19) Phenanthrene-d10	17.06	188	32m	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	562m	0.40	ng		-0.01
34) Perylene-d12	23.39	264	8	0.40	ng		-0.11
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	4198	23.01	ng		0.00
5) Phenol-d6	6.87	99	5575	24.90	ng		0.00
8) Nitrobenzene-d5	8.82	82	4672	222.56	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	9824m	242.97	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1782	54.53	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	13244	53.59	ng		-0.01
25) Fluoranthene-d10	19.09	212	25767	238.91	ng		-0.02
29) Terphenyl-d14	19.70	244	22658	16.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1180	19.975	ng	#	55
3) n-Nitrosodimethylamine	2.99	42	1015	37.513	ng	#	65
6) bis(2-Chloroethyl)ether	7.12	93	4148	27.641	ng		93
9) Naphthalene	10.51	128	15093	224.087	ng		98
10) Hexachlorobutadiene	10.80	225	3086	217.532	ng	#	100
12) 2-Methylnaphthalene	12.13	142	10664	234.251	ng		100
16) Acenaphthylene	14.02	152	17855	56.110	ng		99
17) Acenaphthene	14.38	154	10393	50.660	ng		97
18) Fluorene	15.36	166	13932	52.987	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	4330	222.896	ng	#	79
21) Hexachlorobenzene	16.38	284	4731	222.809	ng		99
22) Pentachlorophenol	16.72	266	4049	517.143	ng		98
23) Phenanthrene	17.10	178	22116	221.858	ng		100
24) Anthracene	17.19	178	22009m	244.453	ng		
26) Fluoranthene	19.12	202	28619	230.885	ng		99
28) Pyrene	19.49	202	29422	15.350	ng		99
30) Benzo(a)anthracene	21.24	228	29128	14.074	ng		96
31) Chrysene	21.29	228	28191m	13.977	ng		
32) Bis(2-ethylhexyl)phthalate	21.19	149	16238	15.256	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	33528	13.277	ng		98
35) Benzo(b)fluoranthene	22.81	252	29352	1056.835	ng	#	88
36) Benzo(k)fluoranthene	22.85	252	28834m	1049.912	ng		
37) Benzo(a)pyrene	23.38	252	28492	1091.662	ng	#	85
38) Dibenzo(a,h)anthracene	25.69	278	27726	1038.197	ng	#	89
39) Benzo(g,h,i)perylene	26.35	276	28443	1076.367	ng	#	92

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

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