Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061120\
Data File : BN010836.D
Acq On : 11 Jun 2020 12:44
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE-4-11MS

Manual Integrations APPROVED
mohammad
6/15/2020 8:43:59 AM

Quant Time: Jun 11 13:31:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3622	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	13635	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8810	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	16419	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	14452	0.40	ng		0.00
34) Perylene-d12	23.29	264	16055	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1435	0.21	ng		0.00
5) Phenol-d6	6.75	99	1063	0.13	ng		0.00
8) Nitrobenzene-d5	8.68	82	4139	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.90	152	7953	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1555	0.49	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	12218	0.35	ng		0.00
25) Fluoranthene-d10	18.96	212	17801	0.39	ng		0.00
29) Terphenyl-d14	19.58	244	15454	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1757	0.495	ng	#	90
3) n-Nitrosodimethylamine	3.53	42	403	0.195	ng	#	68
6) bis(2-Chloroethyl)ether	6.99	93	3553	0.442	ng		96
9) Naphthalene	10.35	128	14366	0.419	ng		99
10) Hexachlorobutadiene	10.65	225	2961	0.350	ng	#	99
12) 2-Methylnaphthalene	11.97	142	10441	0.455	ng		96
16) Acenaphthylene	13.89	152	16515	0.458	ng	#	80
17) Acenaphthene	14.24	154	9597	0.390	ng		98
18) Fluorene	15.23	166	12778	0.403	ng		97
20) 4-Bromophenyl-phenylether	16.12	248	3869	0.392	ng	#	69
21) Hexachlorobenzene	16.24	284	3924	0.381	ng		95
22) Pentachlorophenol	16.59	266	6072	1.757	ng		93
23) Phenanthrene	16.96	178	21050m	0.469	ng		
24) Anthracene	17.06	178	28658	0.765	ng		98
26) Fluoranthene	18.99	202	21915	0.430	ng	#	97
28) Pyrene	19.36	202	27146	0.568	ng		96
30) Benzo(a)anthracene	21.12	228	20388	0.480	ng	#	77
31) Chrysene	21.17	228	20107	0.406	ng	#	78
32) Bis(2-ethylhexyl)phthalate	21.08	149	10373	0.732	ng		99
33) Indeno(1,2,3-cd)pyrene	25.40	276	20066	0.363	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	19270	0.353	ng	#	81
36) Benzo(k)fluoranthene	22.69	252	18869	0.324	ng	#	78
37) Benzo(a)pyrene	23.19	252	16633	0.355	ng	#	85
38) Dibenzo(a,h)anthracene	25.42	278	16418	0.307	ng	#	84
39) Benzo(g,h,i)perylene	26.04	276	17013	0.305	ng	#	89

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

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