Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
Data File : BN018463.D
Acq On : 25 Jan 2022 17:26
Operator : CG/JU
Sample : N1245-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-1(4-4.5)MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 04:07:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.965	152	34194	0.400	ng		0.00
7) Naphthalene-d8	10.762	136	153885	0.400	ng		0.00
13) Acenaphthene-d10	14.573	164	83296	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	157312	0.400	ng		0.00
29) Chrysene-d12	21.482	240	129219	0.400	ng		-0.01
35) Perylene-d12	23.888	264	110936	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.540	112	23026	0.271	ng		0.03
5) Phenol-d6	7.117	99	26173	0.284	ng		0.00
8) Nitrobenzene-d5	9.101	82	25791	0.291	ng		-0.01
11) 2-Methylnaphthalene-d10	12.341	152	91644m	0.355	ng		0.00
14) 2,4,6-Tribromophenol	16.056	330	6805	0.271	ng		0.00
15) 2-Fluorobiphenyl	13.203	172	87820	0.294	ng		-0.01
27) Fluoranthene-d10	19.331	212	117599	0.248	ng		0.00
31) Terphenyl-d14	19.927	244	95702	0.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	11926m	0.668	ng		
3) n-Nitrosodimethylamine	3.733	42	13102	0.465	ng	#	99
6) bis(2-Chloroethyl)ether	7.375	93	40367	0.433	ng		98
9) Naphthalene	10.812	128	184375	0.492	ng		99
10) Hexachlorobutadiene	11.104	225	28511	0.385	ng	#	100
12) 2-Methylnaphthalene	12.412	142	116636	0.447	ng		99
16) Acenaphthylene	14.294	152	133116	0.431	ng		100
17) Acenaphthene	14.637	154	89572	0.407	ng		98
18) Fluorene	15.614	166	112587m	0.426	ng		
20) 4,6-Dinitro-2-methylph...	15.677	198	1829	0.362	ng		95
21) 4-Bromophenyl-phenylether	16.507	248	35424	0.420	ng	#	82
22) Hexachlorobenzene	16.616	284	36577	0.392	ng	#	92
23) Atrazine	16.762	200	23088	0.409	ng		98
24) Pentachlorophenol	16.957	266	3780	0.278	ng		99
25) Phenanthrene	17.346	178	266375m	0.638	ng		
26) Anthracene	17.444	178	172520	0.488	ng		99
28) Fluoranthene	19.361	202	402876	0.883	ng	#	98
30) Pyrene	19.723	202	378169	0.686	ng		98
32) Benzo(a)anthracene	21.461	228	286251	0.700	ng		99
33) Chrysene	21.514	228	281071	0.694	ng		99
34) Bis(2-ethylhexyl)phtha...	21.397	149	115699	0.359	ng		98
36) Indeno(1,2,3-cd)pyrene	26.384	276	148991	0.755	ng	#	95
37) Benzo(b)fluoranthene	23.153	252	294047	0.736	ng	#	97
38) Benzo(k)fluoranthene	23.200	252	205763	0.585	ng	#	96
39) Benzo(a)pyrene	23.779	252	217248	0.743	ng	#	97
40) Dibenzo(a,h)anthracene	26.408	278	88850	0.647	ng	#	93
41) Benzo(g,h,i)perylene	27.150	276	140062	0.698	ng	#	94

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

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