Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014692.D
Acq On : 21 May 2021 14:25
Operator : CG/JU
Sample : M2383-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KTW-02MSD

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mohammad
5/24/2021 2:36:45 PM

Quant Time: May 21 14:54:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	721	0.40	ng		# 0.00
7) Naphthalene-d8	10.518	136	2856	0.40	ng		# 0.01
13) Acenaphthene-d10	14.372	164	2328	0.40	ng		# 0.00
19) Phenanthrene-d10	17.116	188	3963	0.40	ng		# 0.00
29) Chrysene-d12	21.322	240	5061	0.40	ng		0.00
35) Perylene-d12	23.586	264	5324	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	1218	0.64	ng		0.00
5) Phenol-d6	6.903	99	173	0.07	ng		0.00
8) Nitrobenzene-d5	8.870	82	632	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	1050	0.15	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	378	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	1739	0.20	ng		0.00
27) Fluoranthene-d10	19.161	212	3627	0.21	ng		0.00
31) Terphenyl-d14	19.761	244	4087	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	546	0.53	ng	#	81
3) n-Nitrosodimethylamine	3.649	42	68m	0.19	ng		
6) bis(2-Chloroethyl)ether	7.209	93	3385m	1.61	ng		
9) Naphthalene	10.581	128	2546883	337.53	ng		98
10) Hexachlorobutadiene	10.847	225	394	0.22	ng	#	99
12) 2-Methylnaphthalene	12.178	142	239276	43.58	ng	#	88
16) Acenaphthylene	14.080	152	7388	0.86	ng	#	73
17) Acenaphthene	14.422	154	10804	1.71	ng		92
18) Fluorene	15.425	166	142072	16.66	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	194	0.45	ng	#	1
21) 4-Bromophenyl-phenylether	16.313	248	780	0.32	ng	#	59
22) Hexachlorobenzene	16.434	284	786	0.31	ng	#	88
23) Atrazine	16.592	200	899	0.58	ng	#	79
24) Pentachlorophenol	16.775	266	714	0.84	ng	#	37
25) Phenanthrene	17.164	178	143305	13.18	ng		99
26) Anthracene	17.250	178	19836	2.17	ng	#	83
28) Fluoranthene	19.191	202	24814	1.72	ng		97
30) Pyrene	19.553	202	19990	1.44	ng		96
32) Benzo(a)anthracene	21.300	228	8449	0.57	ng		95
33) Chrysene	21.353	228	7136	0.46	ng		95
34) Bis(2-ethylhexyl)phtha...	21.247	149	3105	0.76	ng	#	76
36) Indeno(1,2,3-cd)pyrene	25.872	276	7250	0.34	ng	#	87
37) Benzo(b)fluoranthene	22.905	252	7741m	0.43	ng		
38) Benzo(k)fluoranthene	22.949	252	6113	0.32	ng		93
39) Benzo(a)pyrene	23.486	252	6543	0.43	ng	#	87
40) Dibenzo(a,h)anthracene	25.889	278	5009	0.27	ng	#	93
41) Benzo(g,h,i)perylene	26.567	276	6498	0.37	ng	#	89

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

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