Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014691.D
Acq On : 21 May 2021 13:49
Operator : CG/JU
Sample : M2383-09MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KTW-02MS

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:42 PM

Quant Time: May 21 14:22:21 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	7.725	152	721	0.40	ng		# 0.00
7) Naphthalene-d8	10.518	136	2832	0.40	ng		# 0.01
13) Acenaphthene-d10	14.372	164	2251	0.40	ng		# 0.00
19) Phenanthrene-d10	17.116	188	3859	0.40	ng		# 0.00
29) Chrysene-d12	21.322	240	4895	0.40	ng		# 0.00
35) Perylene-d12	23.589	264	5328	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	1211	0.63	ng		0.00
5) Phenol-d6	6.895	99	197	0.08	ng		0.00
8) Nitrobenzene-d5	8.870	82	673m	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	1038	0.15	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	381	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	1735	0.21	ng		0.00
27) Fluoranthene-d10	19.161	212	3475	0.20	ng		0.00
31) Terphenyl-d14	19.761	244	3979	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	466	0.43	ng	#	85
3) n-Nitrosodimethylamine	3.617	42	32	0.09	ng	#	65
6) bis(2-Chloroethyl)ether	7.209	93	3353	1.59	ng	#	62
9) Naphthalene	10.581	128	2516098	336.27	ng		98
10) Hexachlorobutadiene	10.847	225	385	0.21	ng	#	95
12) 2-Methylnaphthalene	12.178	142	236169	43.38	ng	#	88
16) Acenaphthylene	14.080	152	7212	0.87	ng	#	71
17) Acenaphthene	14.435	154	10666	1.74	ng		93
18) Fluorene	15.425	166	138701	16.82	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	158	0.40	ng	#	1
21) 4-Bromophenyl-phenylether	16.313	248	736	0.31	ng	#	62
22) Hexachlorobenzene	16.434	284	778	0.31	ng	#	87
23) Atrazine	16.592	200	859	0.57	ng	#	80
24) Pentachlorophenol	16.775	266	691	0.83	ng	#	35
25) Phenanthrene	17.164	178	139996	13.22	ng		99
26) Anthracene	17.250	178	19226	2.16	ng	#	83
28) Fluoranthene	19.191	202	24354	1.74	ng		97
30) Pyrene	19.553	202	19367	1.44	ng		96
32) Benzo(a)anthracene	21.300	228	8255	0.58	ng		96
33) Chrysene	21.353	228	6970	0.47	ng		95
34) Bis(2-ethylhexyl)phtha...	21.247	149	3063	0.77	ng	#	81
36) Indeno(1,2,3-cd)pyrene	25.872	276	7191	0.34	ng	#	87
37) Benzo(b)fluoranthene	22.905	252	7448	0.41	ng	#	93
38) Benzo(k)fluoranthene	22.949	252	6185m	0.33	ng		
39) Benzo(a)pyrene	23.486	252	6397	0.42	ng		95
40) Dibenzo(a,h)anthracene	25.886	278	4945	0.27	ng	#	94
41) Benzo(g,h,i)perylene	26.567	276	6490	0.37	ng	#	91

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

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