Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028448.D
Acq On : 03 Nov 2023 07:44
Operator : MA/JU
Sample : 05220-06MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z-7(0-5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 08:15:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	11392	0.400	ng	# 0.01
7) Naphthalene-d8	10.530	136	29655	0.400	ng	0.02
13) Acenaphthene-d10	14.374	164	25715	0.400	ng	0.01
19) Phenanthrene-d10	17.133	188	31224	0.400	ng	# 0.01
29) Chrysene-d12	21.355	240	24632	0.400	ng	# 0.03
35) Perylene-d12	23.681	264	46825	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	8434	0.284	ng	0.01
5) Phenol-d6	6.908	99	10756	0.285	ng	0.02
8) Nitrobenzene-d5	8.886	82	7347	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	24865m	0.586	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	2958	0.295	ng	0.01
15) 2-Fluorobiphenyl	13.006	172	11334	0.371	ng	0.00
27) Fluoranthene-d10	19.185	212	14511	0.188	ng	0.03
31) Terphenyl-d14	19.779	244	33605	0.648	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	2289	0.181	ng	# 62
3) n-Nitrosodimethylamine	3.514	42	3727	0.265	ng	# 96
6) bis(2-Chloroethyl)ether	7.161	93	10962	0.336	ng	# 94
9) Naphthalene	10.573	128	1611055	20.128	ng	100
10) Hexachlorobutadiene	10.872	225	5490	0.412	ng	# 100
12) 2-Methylnaphthalene	12.197	142	529778	9.498	ng	100
16) Acenaphthylene	14.096	152	4857351	38.243	ng	99
17) Acenaphthene	14.438	154	1209324	15.017	ng	98
18) Fluorene	15.433	166	3012926	27.491	ng	99
20) 4,6-Dinitro-2-methylph...	15.520	198	935	0.403	ng	# 1
21) 4-Bromophenyl-phenylether	16.327	248	8351	0.482	ng	# 55
22) Hexachlorobenzene	16.438	284	8274	0.453	ng	# 72
23) Atrazine	16.600	200	9574	0.659	ng	# 44
24) Pentachlorophenol	16.786	266	7861	1.194	ng	99
25) Phenanthrene	17.183	178	15702680	170.246	ng	97
26) Anthracene	17.270	178	8692526	98.698	ng	98
28) Fluoranthene	19.222	202	18301925m	169.995	ng	
30) Pyrene	19.584	202	17899426	174.220	ng	# 88
32) Benzo(a)anthracene	21.337	228	11232861	114.913	ng	# 88
33) Chrysene	21.400	228	9659891	99.206	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.275	149	149350	2.955	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.119	276	6785997	36.771	ng	# 91
37) Benzo(b)fluoranthene	22.997	252	12488122	68.487	ng	97
38) Benzo(k)fluoranthene	23.035	252	4675425m	25.502	ng	
39) Benzo(a)pyrene	23.602	252	10050850	63.038	ng	96
40) Dibenzo(a,h)anthracene	26.119	278	1897342	12.672	ng	96
41) Benzo(g,h,i)perylene	26.859	276	6414946	40.005	ng	95

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

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