Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033552.D
Acq On : 22 Aug 2024 14:42
Operator : MA/JU
Sample : P3663-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 15:11:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7178	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	18909	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	9532	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19730	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	17425	0.400	ng	0.00
35) Perylene-d12	23.309	264	19758	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	5088	0.223	ng	0.00
5) Phenol-d6	6.736	99	6171	0.227	ng	0.00
8) Nitrobenzene-d5	8.681	82	4057	0.259	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	10458m	0.387	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	1060	0.207	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	7814	0.201	ng	-0.01
27) Fluoranthene-d10	18.970	212	8549	0.180	ng	-0.01
31) Terphenyl-d14	19.588	244	5778	0.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	3287	0.398	ng	# 53
3) n-Nitrosodimethylamine	3.472	42	4124	0.429	ng	# 89
6) bis(2-Chloroethyl)ether	6.982	93	8001	0.416	ng	100
9) Naphthalene	10.357	128	20231	0.400	ng	100
10) Hexachlorobutadiene	10.656	225	3793	0.376	ng	# 100
12) 2-Methylnaphthalene	11.979	142	12913	0.404	ng	99
16) Acenaphthylene	13.900	152	17583	0.421	ng	100
17) Acenaphthene	14.242	154	11504	0.391	ng	99
18) Fluorene	15.236	166	15989	0.431	ng	91
20) 4,6-Dinitro-2-methylph...	15.311	198	1167	0.379	ng	# 1
21) 4-Bromophenyl-phenylether	16.135	248	4453	0.372	ng	94
22) Hexachlorobenzene	16.247	284	4916	0.372	ng	99
23) Atrazine	16.420	200	3915	0.409	ng	# 92
24) Pentachlorophenol	16.582	266	4701	0.820	ng	98
25) Phenanthrene	16.967	178	24985	0.455	ng	100
26) Anthracene	17.066	178	21375	0.440	ng	100
28) Fluoranthene	19.003	202	30500	0.503	ng	99
30) Pyrene	19.365	202	31769	0.408	ng	99
32) Benzo(a)anthracene	21.121	228	28675	0.455	ng	99
33) Chrysene	21.175	228	29027	0.464	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	18470m	0.463	ng	
36) Indeno(1,2,3-cd)pyrene	25.458	276	35655	0.435	ng	99
37) Benzo(b)fluoranthene	22.663	252	31441	0.426	ng	99
38) Benzo(k)fluoranthene	22.706	252	30305	0.417	ng	98
39) Benzo(a)pyrene	23.212	252	28998	0.475	ng	98
40) Dibenzo(a,h)anthracene	25.478	278	26630	0.406	ng	99
41) Benzo(g,h,i)perylene	26.110	276	28048	0.400	ng	97

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

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