Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028430.D
Acq On : 02 Nov 2023 20:22
Operator : MA/JU
Sample : 05005-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N-2(5-10)MS

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

Quant Time: Nov 03 01:49:46 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	7.724	152	12274	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	37896	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	21522	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	46315	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	36016	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	34812	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	6942	0.217	ng	0.00
5) Phenol-d6	6.894	99	9584	0.236	ng	0.00
8) Nitrobenzene-d5	8.875	82	5652	0.231	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	19808m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1678	0.200	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	3399	0.133	ng	0.00
27) Fluoranthene-d10	19.152	212	23354	0.204	ng	0.00
31) Terphenyl-d14	19.765	244	18098	0.239	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	5423	0.399	ng	# 51
3) n-Nitrosodimethylamine	3.514	42	6938	0.457	ng	# 91
6) bis(2-Chloroethyl)ether	7.154	93	18431	0.524	ng	98
9) Naphthalene	10.562	128	100548	0.983	ng	100
10) Hexachlorobutadiene	10.861	225	8857	0.520	ng	# 99
12) 2-Methylnaphthalene	12.182	142	52726	0.740	ng	99
16) Acenaphthylene	14.085	152	114827	1.080	ng	99
17) Acenaphthene	14.427	154	36093	0.536	ng	99
18) Fluorene	15.411	166	55069	0.600	ng	97
20) 4,6-Dinitro-2-methylph...	15.486	198	1864	0.541	ng	# 62
21) 4-Bromophenyl-phenylether	16.314	248	14368	0.560	ng	# 90
22) Hexachlorobenzene	16.413	284	14487	0.534	ng	98
23) Atrazine	16.587	200	12444	0.578	ng	96
24) Pentachlorophenol	16.761	266	7184	0.736	ng	99
25) Phenanthrene	17.158	178	123706m	0.904	ng	
26) Anthracene	17.245	178	125014	0.957	ng	99
28) Fluoranthene	19.185	202	625466	3.917	ng	99
30) Pyrene	19.547	202	810221	5.393	ng	98
32) Benzo(a)anthracene	21.310	228	311086m	2.177	ng	
33) Chrysene	21.364	228	336365	2.363	ng	97
34) Bis(2-ethylhexyl)phtha...	21.265	149	105445	1.427	ng	98
36) Indeno(1,2,3-cd)pyrene	26.002	276	219362	1.644	ng	94
37) Benzo(b)fluoranthene	22.938	252	366291	2.767	ng	99
38) Benzo(k)fluoranthene	22.982	252	174457m	1.280	ng	
39) Benzo(a)pyrene	23.535	252	282602	2.384	ng	99
40) Dibenzo(a,h)anthracene	26.025	278	89445	0.804	ng	97
41) Benzo(g,h,i)perylene	26.733	276	251166	2.107	ng	98

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

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