Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028431.D
Acq On : 02 Nov 2023 20:58
Operator : MA/JU
Sample : 05005-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

Quant Time: Nov 03 01:50:05 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	13449	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	41749	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	23825	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	50841	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	38671	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	38118	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	7189	0.205	ng	0.00
5) Phenol-d6	6.894	99	9799	0.220	ng	0.00
8) Nitrobenzene-d5	8.875	82	5671	0.210	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	20009m	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1623	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	3530	0.125	ng	0.00
27) Fluoranthene-d10	19.152	212	24601	0.196	ng	0.00
31) Terphenyl-d14	19.765	244	18545	0.228	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	5296	0.356	ng	# 78
3) n-Nitrosodimethylamine	3.514	42	7056	0.425	ng	92
6) bis(2-Chloroethyl)ether	7.154	93	18652	0.484	ng	100
9) Naphthalene	10.562	128	104164	0.924	ng	100
10) Hexachlorobutadiene	10.861	225	9158	0.488	ng	# 99
12) 2-Methylnaphthalene	12.181	142	54313	0.692	ng	99
16) Acenaphthylene	14.085	152	112257	0.954	ng	99
17) Acenaphthene	14.427	154	36622	0.491	ng	98
18) Fluorene	15.411	166	56828	0.560	ng	99
20) 4,6-Dinitro-2-methylph...	15.486	198	1946	0.515	ng	# 65
21) 4-Bromophenyl-phenylether	16.314	248	14701	0.522	ng	90
22) Hexachlorobenzene	16.413	284	14937	0.502	ng	98
23) Atrazine	16.587	200	12381	0.524	ng	97
24) Pentachlorophenol	16.761	266	6887	0.642	ng	99
25) Phenanthrene	17.158	178	126319m	0.841	ng	
26) Anthracene	17.245	178	127166	0.887	ng	99
28) Fluoranthene	19.185	202	639056	3.645	ng	99
30) Pyrene	19.547	202	823996	5.109	ng	98
32) Benzo(a)anthracene	21.310	228	319173m	2.080	ng	
33) Chrysene	21.355	228	339871	2.223	ng	97
34) Bis(2-ethylhexyl)phtha...	21.265	149	108360	1.366	ng	99
36) Indeno(1,2,3-cd)pyrene	26.002	276	225006	1.543	ng	95
37) Benzo(b)fluoranthene	22.938	252	360381	2.493	ng	98
38) Benzo(k)fluoranthene	22.982	252	186726m	1.251	ng	
39) Benzo(a)pyrene	23.532	252	291961	2.249	ng	100
40) Dibenzo(a,h)anthracene	26.031	278	90700	0.744	ng	97
41) Benzo(g,h,i)perylene	26.730	276	259442	1.988	ng	98

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

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