Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033587.D
Acq On : 23 Aug 2024 13:34
Operator : MA/JU
Sample : P3641-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-907-K1-0.5-1.0-081524MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 23 14:58:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	6831	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18361	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9717	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19329	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	15825	0.400	ng	0.00
35) Perylene-d12	23.306	264	18251	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4468	0.206	ng	0.00
5) Phenol-d6	6.736	99	5478	0.212	ng	0.00
8) Nitrobenzene-d5	8.681	82	4580	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	10840m	0.413	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1424	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	9197	0.232	ng	0.00
27) Fluoranthene-d10	18.970	212	9983	0.215	ng	0.00
31) Terphenyl-d14	19.583	244	6976	0.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2562	0.326	ng	# 43
3) n-Nitrosodimethylamine	3.464	42	3423	0.374	ng	# 90
6) bis(2-Chloroethyl)ether	6.981	93	8126	0.444	ng	94
9) Naphthalene	10.357	128	27301	0.556	ng	100
10) Hexachlorobutadiene	10.645	225	3658	0.374	ng	# 100
12) 2-Methylnaphthalene	11.979	142	20119	0.648	ng	98
16) Acenaphthylene	13.889	152	27884	0.654	ng	99
17) Acenaphthene	14.242	154	13348	0.445	ng	98
18) Fluorene	15.236	166	18208	0.482	ng	95
20) 4,6-Dinitro-2-methylph...	15.322	198	669	0.222	ng	# 1
21) 4-Bromophenyl-phenylether	16.135	248	4236	0.361	ng	# 95
22) Hexachlorobenzene	16.247	284	4618	0.356	ng	97
23) Atrazine	16.420	200	3897	0.416	ng	94
24) Pentachlorophenol	16.594	266	5558	0.990	ng	98
25) Phenanthrene	16.966	178	135240	2.515	ng	100
26) Anthracene	17.066	178	38866	0.817	ng	98
28) Fluoranthene	19.003	202	347600	5.850	ng	99
30) Pyrene	19.365	202	303969	4.304	ng	# 96
32) Benzo(a)anthracene	21.121	228	156652	2.738	ng	97
33) Chrysene	21.175	228	201726m	3.547	ng	
34) Bis(2-ethylhexyl)phtha...	21.085	149	25598m	0.707	ng	
36) Indeno(1,2,3-cd)pyrene	25.457	276	177808	2.347	ng	# 94
37) Benzo(b)fluoranthene	22.665	252	303240	4.449	ng	# 94
38) Benzo(k)fluoranthene	22.703	252	116853m	1.742	ng	
39) Benzo(a)pyrene	23.212	252	196022m	3.476	ng	
40) Dibenzo(a,h)anthracene	25.472	278	53590	0.885	ng	98
41) Benzo(g,h,i)perylene	26.112	276	173400	2.676	ng	97

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

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