Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033572.D
Acq On : 23 Aug 2024 03:30
Operator : MA/JU
Sample : P3671-10MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924MSD

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

Quant Time: Aug 23 04:30:22 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	7606	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	20104	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9559	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18339	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15128	0.400	ng	0.00
35) Perylene-d12	23.300	264	16860	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6356	0.263	ng	0.00
5) Phenol-d6	6.736	99	7810	0.272	ng	0.00
8) Nitrobenzene-d5	8.681	82	5422	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	10481m	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1188	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	9105	0.233	ng	0.00
27) Fluoranthene-d10	18.970	212	8580	0.195	ng	0.00
31) Terphenyl-d14	19.583	244	5867	0.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	3023	0.345	ng	# 51
3) n-Nitrosodimethylamine	3.471	42	4170	0.410	ng	# 94
6) bis(2-Chloroethyl)ether	6.981	93	8948	0.439	ng	100
9) Naphthalene	10.357	128	22643	0.421	ng	100
10) Hexachlorobutadiene	10.656	225	4201	0.392	ng	# 99
12) 2-Methylnaphthalene	11.975	142	14074	0.414	ng	100
16) Acenaphthylene	13.889	152	20098	0.479	ng	99
17) Acenaphthene	14.242	154	12044	0.408	ng	99
18) Fluorene	15.236	166	14948	0.402	ng	98
20) 4,6-Dinitro-2-methylph...	15.311	198	898	0.314	ng	# 12
21) 4-Bromophenyl-phenylether	16.135	248	4449	0.399	ng	97
22) Hexachlorobenzene	16.246	284	4872	0.396	ng	98
23) Atrazine	16.408	200	3710	0.417	ng	96
24) Pentachlorophenol	16.582	266	4153	0.779	ng	98
25) Phenanthrene	16.966	178	32765	0.642	ng	99
26) Anthracene	17.066	178	21844	0.484	ng	99
28) Fluoranthene	18.998	202	50573	0.897	ng	100
30) Pyrene	19.365	202	47906	0.710	ng	98
32) Benzo(a)anthracene	21.121	228	32894	0.601	ng	98
33) Chrysene	21.166	228	38136	0.701	ng	98
34) Bis(2-ethylhexyl)phtha...	21.085	149	18178m	0.525	ng	
36) Indeno(1,2,3-cd)pyrene	25.449	276	40063	0.572	ng	98
37) Benzo(b)fluoranthene	22.657	252	46095	0.732	ng	100
38) Benzo(k)fluoranthene	22.700	252	34375m	0.555	ng	
39) Benzo(a)pyrene	23.206	252	35585	0.683	ng	97
40) Dibenzo(a,h)anthracene	25.469	278	24745	0.442	ng	98
41) Benzo(g,h,i)perylene	26.104	276	34247	0.572	ng	99

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

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