Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033431.D
Acq On : 16 Aug 2024 15:26
Operator : MA/JU
Sample : P3440-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
923-K1-WS-080124MSD

Quant Time: Aug 16 16:14:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	7664	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	21239	0.400	ng	-0.01
13) Acenaphthene-d10	14.199	164	11079	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21857	0.400	ng	#-0.01
29) Chrysene-d12	21.157	240	19351	0.400	ng	0.00
35) Perylene-d12	23.332	264	19851	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3618	0.171	ng	0.00
5) Phenol-d6	6.750	99	2996	0.105	ng	0.00
8) Nitrobenzene-d5	8.691	82	5775	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	11281	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.700	330	2223	0.391	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	14942	0.329	ng	0.00
27) Fluoranthene-d10	18.989	212	21362	0.366	ng	0.00
31) Terphenyl-d14	19.602	244	19006	0.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	1554	0.182	ng	# 40
3) n-Nitrosodimethylamine	3.479	42	1632	0.149	ng	# 89
6) bis(2-Chloroethyl)ether	7.003	93	7367	0.318	ng	98
9) Naphthalene	10.378	128	19457	0.332	ng	100
10) Hexachlorobutadiene	10.677	225	3351	0.300	ng	# 100
12) 2-Methylnaphthalene	11.998	142	12938	0.327	ng	100
16) Acenaphthylene	13.911	152	17605	0.340	ng	100
17) Acenaphthene	14.263	154	13167	0.371	ng	98
18) Fluorene	15.258	166	18815	0.402	ng	95
20) 4,6-Dinitro-2-methylph...	15.333	198	1167	0.440	ng	# 89
21) 4-Bromophenyl-phenylether	16.147	248	4968	0.380	ng	93
22) Hexachlorobenzene	16.259	284	5279	0.360	ng	99
23) Atrazine	16.433	200	4470	0.431	ng	# 96
24) Pentachlorophenol	16.607	266	6062	1.023	ng	99
25) Phenanthrene	16.991	178	40066	0.635	ng	100
26) Anthracene	17.078	178	24622	0.441	ng	99
28) Fluoranthene	19.017	202	41355	0.532	ng	100
30) Pyrene	19.384	202	39008	0.506	ng	98
32) Benzo(a)anthracene	21.139	228	30727	0.425	ng	99
33) Chrysene	21.193	228	28823	0.396	ng	96
34) Bis(2-ethylhexyl)phtha...	21.112	149	18858	0.574	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.493	276	31340	0.382	ng	97
37) Benzo(b)fluoranthene	22.686	252	29539	0.395	ng	# 91
38) Benzo(k)fluoranthene	22.730	252	27627	0.362	ng	# 91
39) Benzo(a)pyrene	23.236	252	25751	0.409	ng	# 89
40) Dibenzo(a,h)anthracene	25.507	278	23895	0.369	ng	96
41) Benzo(g,h,i)perylene	26.148	276	24531	0.341	ng	98

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

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