Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035289.D
Acq On : 25 Nov 2024 18:08
Operator : RC/JU
Sample : P4934-07MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-10-20241119MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 03:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 02:36:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.315	152	3339	0.400	ng		0.00
7) Naphthalene-d8	10.063	136	8134	0.400	ng	#	0.00
13) Acenaphthene-d10	13.973	164	4891	0.400	ng	#	0.00
19) Phenanthrene-d10	16.741	188	10884	0.400	ng	#	0.00
29) Chrysene-d12	21.006	240	706	0.400	ng	#	0.00
35) Perylene-d12	23.078	264	5495	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	1508	0.239	ng		0.00
5) Phenol-d6	6.521	99	1353	0.154	ng		0.00
8) Nitrobenzene-d5	8.451	82	1352m	0.205	ng		0.00
11) 2-Methylnaphthalene-d10	11.663	152	4611	0.405	ng		0.00
14) 2,4,6-Tribromophenol	15.480	330	693	0.278	ng		0.00
15) 2-Fluorobiphenyl	12.604	172	705	0.261	ng		0.00
27) Fluoranthene-d10	18.790	212	12387	0.425	ng		0.00
31) Terphenyl-d14	19.422	244	11299	0.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	513	0.214	ng		98
3) n-Nitrosodimethylamine	3.300	42	342	0.137	ng	#	66
6) bis(2-Chloroethyl)ether	6.766	93	2896	0.390	ng		100
9) Naphthalene	10.105	128	7573	0.336	ng		99
10) Hexachlorobutadiene	10.404	225	1554	0.245	ng	#	100
12) 2-Methylnaphthalene	11.742	142	5217	0.353	ng		99
16) Acenaphthylene	13.684	152	8019	0.326	ng		99
17) Acenaphthene	14.037	154	5118	0.330	ng	#	88
18) Fluorene	15.031	166	7060	0.325	ng		98
20) 4,6-Dinitro-2-methylph...	15.127	198	326	0.396	ng		93
21) 4-Bromophenyl-phenylether	15.947	248	2609	0.378	ng	#	78
22) Hexachlorobenzene	16.046	284	2959	0.299	ng		100
23) Atrazine	16.232	200	1177	0.405	ng		100
24) Pentachlorophenol	16.393	266	881	0.371	ng		98
25) Phenanthrene	16.778	178	12541	0.375	ng		100
26) Anthracene	16.865	178	10829	0.377	ng		100
28) Fluoranthene	18.823	202	14601	0.346	ng		99
30) Pyrene	19.189	202	14755	0.575	ng		100
32) Benzo(a)anthracene	21.015	228	11175	0.455	ng		99
33) Chrysene	21.015	228	11175	0.455	ng		99
34) Bis(2-ethylhexyl)phtha...	21.006	149	746	0.552	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.122	276	9501	0.422	ng		99
37) Benzo(b)fluoranthene	22.464	252	8918	0.373	ng		99
38) Benzo(k)fluoranthene	22.505	252	9698	0.384	ng		97
39) Benzo(a)pyrene	22.988	252	7735	0.424	ng		97
40) Dibenzo(a,h)anthracene	25.140	278	7121	0.419	ng		97
41) Benzo(g,h,i)perylene	25.739	276	7906	0.402	ng		98

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

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