Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035816.D
Acq On : 24 Dec 2024 11:57
Operator : RC/JU
Sample : P5376-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 23:17:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE115D2-20241218

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.264	152	3275	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	7772	0.400	ng		-0.01
13) Acenaphthene-d10	13.925	164	4979	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10106	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	8871	0.400	ng		0.00
35) Perylene-d12	23.032	264	8758	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	753	0.092	ng		-0.01
5) Phenol-d6	6.477	99	383	0.039	ng		-0.01
8) Nitrobenzene-d5	8.408	82	1575m	0.332	ng		0.00
11) 2-Methylnaphthalene-d10	11.621	152	3538	0.291	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	586	0.166	ng		0.00
15) 2-Fluorobiphenyl	12.539	172	6110	0.325	ng		0.00
27) Fluoranthene-d10	18.752	212	10407	0.363	ng		0.00
31) Terphenyl-d14	19.379	244	8030	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	23179	7.403	ng		99
6) bis(2-Chloroethyl)ether	6.723	93	310	0.037	ng		93
9) Naphthalene	10.052	128	1561	0.076	ng	#	80
12) 2-Methylnaphthalene	11.697	142	932	0.064	ng	#	87
16) Acenaphthylene	13.636	152	1554	0.074	ng		99
17) Acenaphthene	13.989	154	972	0.070	ng		97
18) Fluorene	14.994	166	1321	0.066	ng		98
25) Phenanthrene	16.736	178	2623	0.094	ng		99
26) Anthracene	16.835	178	1938	0.077	ng		98
28) Fluoranthene	18.780	202	3054	0.082	ng		99
30) Pyrene	19.152	202	3188	0.097	ng		99
32) Benzo(a)anthracene	20.929	228	1910	0.062	ng		93
33) Chrysene	20.983	228	2737	0.086	ng		94
34) Bis(2-ethylhexyl)phtha...	20.893	149	623	0.051	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.073	276	1728	0.050	ng	#	68
37) Benzo(b)fluoranthene	22.424	252	2429	0.076	ng	#	52
38) Benzo(k)fluoranthene	22.465	252	1987	0.063	ng	#	51
39) Benzo(a)pyrene	22.948	252	1503	0.057	ng	#	21
40) Dibenzo(a,h)anthracene	25.088	278	1220	0.045	ng	#	30
41) Benzo(g,h,i)perylene	25.678	276	1434	0.051	ng	#	72

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

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