Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034499.D
Acq On : 09 Oct 2024 12:00
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 13:10:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	5118	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	14288	0.400	ng	#-0.02
13) Acenaphthene-d10	14.019	164	9902	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	17707	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	8851	0.400	ng	0.00
35) Perylene-d12	23.113	264	19074	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	6481	0.446	ng	-0.01
5) Phenol-d6	6.578	99	8015	0.474	ng	-0.02
8) Nitrobenzene-d5	8.504	82	4784	0.438	ng	-0.03
11) 2-Methylnaphthalene-d10	11.723	152	8713	0.413	ng	-0.03
14) 2,4,6-Tribromophenol	15.530	330	2519	0.562	ng	-0.02
15) 2-Fluorobiphenyl	12.629	172	11304	0.281	ng	-0.03
27) Fluoranthene-d10	18.825	212	19878	0.445	ng	-0.02
31) Terphenyl-d14	19.447	244	13508	0.764	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	2253	0.352	ng	# 78
3) n-Nitrosodimethylamine	3.314	42	2578	0.354	ng	# 92
6) bis(2-Chloroethyl)ether	6.816	93	5657	0.378	ng	91
9) Naphthalene	10.169	128	15006	0.383	ng	# 93
10) Hexachlorobutadiene	10.468	225	3122	0.423	ng	# 98
12) 2-Methylnaphthalene	11.799	142	10003	0.392	ng	96
16) Acenaphthylene	13.730	152	16737	0.395	ng	99
17) Acenaphthene	14.083	154	9717	0.320	ng	98
18) Fluorene	15.077	166	13312	0.334	ng	99
20) 4,6-Dinitro-2-methylph...	16.274	198	141	0.181	ng	# 1
21) 4-Bromophenyl-phenylether	15.989	248	4107	0.413	ng	# 90
22) Hexachlorobenzene	16.088	284	6363	0.570	ng	# 78
23) Atrazine	16.274	200	4240	0.514	ng	# 89
24) Pentachlorophenol	16.436	266	2656	0.720	ng	94
25) Phenanthrene	16.821	178	20051	0.394	ng	99
26) Anthracene	16.908	178	18900	0.455	ng	99
28) Fluoranthene	18.857	202	23405	0.397	ng	96
30) Pyrene	19.219	202	24104	0.645	ng	98
32) Benzo(a)anthracene	21.008	228	816m	0.029	ng	
33) Chrysene	21.044	228	24306m	0.728	ng	
34) Bis(2-ethylhexyl)phtha...	21.026	149	32089	2.751	ng	# 82
36) Indeno(1,2,3-cd)pyrene	25.171	276	25543	0.313	ng	97
37) Benzo(b)fluoranthene	22.493	252	24820	0.332	ng	# 92
38) Benzo(k)fluoranthene	22.534	252	23931m	0.305	ng	
39) Benzo(a)pyrene	23.022	252	22303	0.366	ng	# 92
40) Dibenzo(a,h)anthracene	25.186	278	20533	0.323	ng	# 91
41) Benzo(g,h,i)perylene	25.797	276	21843	0.306	ng	96

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

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