

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035776.D
 Acq On : 23 Dec 2024 10:22
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 11:23:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3884	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	10099	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	5893	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11548	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8770	0.400	ng	0.00
35) Perylene-d12	23.026	264	8918	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	3917	0.403	ng	0.00
5) Phenol-d6	6.477	99	4314	0.369	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2872m	0.466	ng	-0.01
11) 2-Methylnaphthalene-d10	11.610	152	6074	0.384	ng	-0.01
14) 2,4,6-Tribromophenol	15.442	330	1206	0.288	ng	-0.01
15) 2-Fluorobiphenyl	12.533	172	9436	0.424	ng	-0.01
27) Fluoranthene-d10	18.752	212	11979	0.366	ng	0.00
31) Terphenyl-d14	19.384	244	8267	0.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	1665	0.448	ng	99
3) n-Nitrosodimethylamine	3.278	42	1278	0.413	ng	# 88
6) bis(2-Chloroethyl)ether	6.715	93	3946	0.402	ng	98
9) Naphthalene	10.052	128	10927	0.410	ng	99
10) Hexachlorobutadiene	10.351	225	2685	0.437	ng	# 100
12) 2-Methylnaphthalene	11.686	142	6976	0.366	ng	98
16) Acenaphthylene	13.636	152	9517	0.385	ng	99
17) Acenaphthene	13.989	154	6826	0.415	ng	97
18) Fluorene	14.993	166	8480	0.361	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	178	0.157	ng	# 1
21) 4-Bromophenyl-phenylether	15.904	248	2687	0.398	ng	# 94
22) Hexachlorobenzene	16.003	284	3943	0.497	ng	95
23) Atrazine	16.202	200	1724	0.359	ng	95
24) Pentachlorophenol	16.363	266	1350	0.391	ng	89
25) Phenanthrene	16.735	178	12569	0.396	ng	100
26) Anthracene	16.835	178	10686	0.372	ng	99
28) Fluoranthene	18.780	202	15101	0.353	ng	99
30) Pyrene	19.147	202	15291	0.472	ng	99
32) Benzo(a)anthracene	20.929	228	10904	0.355	ng	99
33) Chrysene	20.982	228	14126	0.447	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	4992	0.412	ng	99
36) Indeno(1,2,3-cd)pyrene	25.052	276	12530	0.359	ng	98
37) Benzo(b)fluoranthene	22.418	252	21074	0.646	ng	96
38) Benzo(k)fluoranthene	22.459	252	14978m	0.466	ng	
39) Benzo(a)pyrene	22.942	252	10518	0.391	ng	# 91
40) Dibenzo(a,h)anthracene	25.070	278	9258	0.337	ng	94
41) Benzo(g,h,i)perylene	25.658	276	11833	0.412	ng	99

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

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