

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034247.D
 Acq On : 26 Sep 2024 13:58
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 14:51:12 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	7.394	152	6259	0.400	ng	0.00
7) Naphthalene-d8	10.148	136	17310	0.400	ng	# 0.00
13) Acenaphthene-d10	14.047	164	8735	0.400	ng	0.00
19) Phenanthrene-d10	16.803	188	17972	0.400	ng	0.00
29) Chrysene-d12	21.015	240	12986	0.400	ng	# 0.00
35) Perylene-d12	23.128	264	12936	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.033	112	5394	0.304	ng	0.00
5) Phenol-d6	6.600	99	4792	0.232	ng	0.00
8) Nitrobenzene-d5	8.536	82	4329	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	11.753	152	8988	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.549	330	387	0.098	ng	0.00
15) 2-Fluorobiphenyl	12.657	172	13150	0.370	ng	0.00
27) Fluoranthene-d10	18.845	212	17821	0.393	ng	0.00
31) Terphenyl-d14	19.468	244	10413	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	3453	0.441	ng	95
3) n-Nitrosodimethylamine	3.343	42	3159	0.355	ng	# 93
6) bis(2-Chloroethyl)ether	6.838	93	5832	0.319	ng	94
9) Naphthalene	10.201	128	18072	0.380	ng	100
10) Hexachlorobutadiene	10.490	225	3582	0.400	ng	# 99
12) 2-Methylnaphthalene	11.829	142	10893	0.352	ng	100
16) Acenaphthylene	13.759	152	13679	0.366	ng	100
17) Acenaphthene	14.111	154	10455	0.390	ng	99
18) Fluorene	15.106	166	12962	0.368	ng	99
20) 4,6-Dinitro-2-methylph...	16.306	198	114	0.172	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	3846	0.381	ng	# 89
22) Hexachlorobenzene	16.108	284	4629	0.409	ng	99
23) Atrazine	16.294	200	2866m	0.342	ng	
24) Pentachlorophenol	16.468	266	276	0.074	ng	94
25) Phenanthrene	16.840	178	19803	0.384	ng	100
26) Anthracene	16.939	178	15086	0.358	ng	99
28) Fluoranthene	18.878	202	23346	0.391	ng	100
30) Pyrene	19.240	202	23839	0.435	ng	100
32) Benzo(a)anthracene	21.006	228	9142	0.223	ng	99
33) Chrysene	21.050	228	17639m	0.360	ng	
34) Bis(2-ethylhexyl)phtha...	21.006	149	1456	0.085	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.195	276	19261	0.347	ng	98
37) Benzo(b)fluoranthene	22.508	252	17989	0.355	ng	96
38) Benzo(k)fluoranthene	22.549	252	22021	0.414	ng	96
39) Benzo(a)pyrene	23.037	252	15629	0.378	ng	93
40) Dibenzo(a,h)anthracene	25.213	278	14445	0.335	ng	96
41) Benzo(g,h,i)perylene	25.818	276	17640	0.365	ng	98

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

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