Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141794.D
Acq On : 27 Feb 2025 15:46
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 28 01:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:19:57 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	281554	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1128074	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	643922	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1101046	20.000	ng		0.00
76) Chrysene-d12	14.045	240	852555	20.000	ng		0.00
86) Perylene-d12	15.521	264	648925	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	189803	10.766	ng		0.00
7) Phenol-d6	6.493	99	246391	10.737	ng		-0.02
23) Nitrobenzene-d5	7.440	82	139940	7.929	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	56406	9.331	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	464621	11.570	ng		0.00
79) Terphenyl-d14	12.992	244	532855	10.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	43124	5.391	ng		98
3) Pyridine	3.458	79	98722	4.960	ng		97
4) n-Nitrosodimethylamine	3.381	42	44659	4.663	ng	#	97
6) Aniline	6.546	93	122918m	5.180	ng		
8) 2-Chlorophenol	6.663	128	101533	5.324	ng		98
9) Benzaldehyde	6.434	77	81024	6.070	ng		99
10) Phenol	6.504	94	130523m	5.339	ng		
11) bis(2-Chloroethyl)ether	6.616	93	96953	5.187	ng		100
12) 1,3-Dichlorobenzene	6.828	146	108688	5.321	ng		99
13) 1,4-Dichlorobenzene	6.904	146	109382	5.315	ng		99
14) 1,2-Dichlorobenzene	7.057	146	105070	5.468	ng		98
15) Benzyl Alcohol	7.016	79	94845	5.172	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	150528	5.303	ng		100
17) 2-Methylphenol	7.122	107	81304	5.165	ng		97
18) Hexachloroethane	7.404	117	39359	5.110	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	79943	5.300	ng		99
20) 3+4-Methylphenols	7.275	107	106084	5.412	ng		93
22) Acetophenone	7.287	105	152122	5.537	ng	#	97
24) Nitrobenzene	7.463	77	76930	4.071	ng		96
25) Isophorone	7.698	82	197960	5.221	ng		99
26) 2-Nitrophenol	7.781	139	22354	6.947	ng		97
27) 2,4-Dimethylphenol	7.810	122	72631	5.211	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	130473	5.395	ng		98
29) 2,4-Dichlorophenol	8.016	162	79008	4.914	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	92399	5.244	ng		98
31) Naphthalene	8.192	128	321546	5.546	ng		98
33) 4-Chloroaniline	8.234	127	113407	5.335	ng		98
34) Hexachlorobutadiene	8.310	225	56205	5.134	ng		99
35) Caprolactam	8.557	113	24467	4.946	ng		95
36) 4-Chloro-3-methylphenol	8.698	107	93983	5.262	ng		97
37) 2-Methylnaphthalene	8.881	142	214971	5.653	ng		97
38) 1-Methylnaphthalene	8.981	142	207097	5.676	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	98100	5.275	ng		97
41) Hexachlorocyclopentadiene	9.034	237	34990	4.508	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	57097	4.753	ng		98
44) 2,4,5-Trichlorophenol	9.187	196	55979	4.706	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	272648	5.563	ng		97
47) 2-Chloronaphthalene	9.369	162	194915	5.388	ng		97
48) 2-Nitroaniline	9.457	65	24463	6.586	ng		98
49) Acenaphthylene	9.781	152	297257	5.481	ng		98
50) Dimethylphthalate	9.639	163	230425	5.344	ng		99
51) 2,6-Dinitrotoluene	9.698	165	21902	5.327	ng		98
52) Acenaphthene	9.957	154	195912	5.353	ng		97
53) 3-Nitroaniline	9.863	138	23458	5.471	ng	#	83
55) Dibenzofuran	10.128	168	297756	5.590	ng		96
56) 4-Nitrophenol	10.004	139	20838	3.272	ng		91
57) 2,4-Dinitrotoluene	10.098	165	24255	5.755	ng	#	96
58) Fluorene	10.469	166	230713	5.782	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	50417	4.873	ng		99
60) Diethylphthalate	10.339	149	230060	5.322	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	111169	5.561	ng		98
62) 4-Nitroaniline	10.469	138	24006	3.260	ng	#	84
63) Azobenzene	10.622	77	248519	5.460	ng		98
66) n-Nitrosodiphenylamine	10.575	169	193204	5.344	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	66312	5.156	ng		99
68) Hexachlorobenzene	11.016	284	69598	5.125	ng		100
69) Atrazine	11.098	200	58634	5.897	ng		98
70) Pentachlorophenol	11.204	266	37669	4.373	ng		99
71) Phenanthrene	11.433	178	326529	5.544	ng		99
72) Anthracene	11.481	178	331149	5.610	ng		98
73) Carbazole	11.633	167	295693	5.673	ng		98
74) Di-n-butylphthalate	11.969	149	367349	5.560	ng		99
75) Fluoranthene	12.622	202	353684	5.861	ng		97
78) Pyrene	12.845	202	361938	4.903	ng		98
80) Butylbenzylphthalate	13.469	149	116439	4.341	ng		99
81) Benzo(a)anthracene	14.033	228	291373	5.174	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	86483	5.353	ng		97
83) Chrysene	14.069	228	277632	5.348	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	149689	4.482	ng		99
85) Di-n-octyl phthalate	14.645	149	192390	3.848	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	178035	4.309	ng		99
88) Benzo(b)fluoranthene	15.086	252	233991	5.294	ng		98
89) Benzo(k)fluoranthene	15.116	252	206614	5.499	ng		100
90) Benzo(a)pyrene	15.451	252	180486	5.091	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	146279	4.337	ng		97
92) Benzo(g,h,i)perylene	17.445	276	145755	4.218	ng		99

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

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