Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137971.D
Acq On : 21 May 2024 11:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 11:42:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
	Internal Standards						
1)	1,4-Dichlorobenzene-d4	7.033	152	146464	20.000	ng	-0.01
21)	Naphthalene-d8	8.322	136	565678	20.000	ng	0.00
39)	Acenaphthene-d10	10.080	164	323346	20.000	ng	0.00
64)	Phenanthrene-d10	11.574	188	541462	20.000	ng	0.00
76)	Chrysene-d12	14.227	240	292457	20.000	ng	0.00
86)	Perylene-d12	15.786	264	273801	20.000	ng	0.00
	System Monitoring Compounds						
5)	2-Fluorophenol	5.657	112	680132	78.880	ng	0.00
7)	Phenol-d6	6.651	99	841290	79.207	ng	0.00
23)	Nitrobenzene-d5	7.598	82	774550	80.580	ng	-0.01
42)	2,4,6-Tribromophenol	10.874	330	275008	84.351	ng	0.00
45)	2-Fluorobiphenyl	9.398	172	1654216	78.805	ng	0.00
79)	Terphenyl-d14	13.162	244	1747011	88.038	ng	0.00
	Target Compounds						Qvalue
2)	1,4-Dioxane	2.928	88	148157	39.664	ng	98
3)	Pyridine	3.704	79	346220	41.309	ng	99
4)	n-Nitrosodimethylamine	3.669	42	145033	39.226	ng	96
6)	Aniline	6.698	93	398607	41.958	ng	100
8)	2-Chlorophenol	6.822	128	376771	40.378	ng	99
9)	Benzaldehyde	6.592	77	221973	38.628	ng	97
10)	Phenol	6.663	94	429657	40.077	ng	98
11)	bis(2-Chloroethyl)ether	6.769	93	338621	41.137	ng	99
12)	1,3-Dichlorobenzene	6.975	146	433305	40.135	ng	98
13)	1,4-Dichlorobenzene	7.051	146	437192	40.343	ng	97
14)	1,2-Dichlorobenzene	7.210	146	411861	40.382	ng	97
15)	Benzyl Alcohol	7.169	79	306308	43.188	ng	97
16)	2,2'-oxybis(1-Chloropr...	7.304	45	422179	41.723	ng	99
17)	2-Methylphenol	7.275	107	302103	40.597	ng	99
18)	Hexachloroethane	7.551	117	148751	40.564	ng	96
19)	n-Nitroso-di-n-propyla...	7.439	70	247187	41.423	ng	98
20)	3+4-Methylphenols	7.428	107	397826	40.807	ng	98
22)	Acetophenone	7.445	105	509173	40.180	ng	98
24)	Nitrobenzene	7.616	77	398756	40.893	ng	96
25)	Isophorone	7.851	82	695064	41.664	ng	100
26)	2-Nitrophenol	7.933	139	204211	41.679	ng	97
27)	2,4-Dimethylphenol	7.957	122	263909	41.836	ng	99
28)	bis(2-Chloroethoxy)met...	8.057	93	416948	41.238	ng	99
29)	2,4-Dichlorophenol	8.169	162	327557	41.293	ng	99
30)	1,2,4-Trichlorobenzene	8.257	180	360534	40.707	ng	100
31)	Naphthalene	8.339	128	1154136	40.578	ng	99
32)	Benzoic acid	8.063	122	237208m	44.483	ng	
33)	4-Chloroaniline	8.386	127	385387	41.333	ng	99
34)	Hexachlorobutadiene	8.451	225	227665	40.611	ng	98
35)	Caprolactam	8.763	113	97240	42.312	ng	99
36)	4-Chloro-3-methylphenol	8.857	107	337421	41.814	ng	98
37)	2-Methylnaphthalene	9.033	142	752387	41.153	ng	98
38)	1-Methylnaphthalene	9.133	142	738208	41.071	ng	100
40)	1,2,4,5-Tetrachloroben...	9.198	216	356135	40.513	ng	98
41)	Hexachlorocyclopentadiene	9.180	237	148633	44.498	ng	99
43)	2,4,6-Trichlorophenol	9.304	196	240770	41.774	ng	96

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	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.345	196	263272	41.746 ng		97
46)	1,1'-Biphenyl	9.498	154	902014	39.773 ng		99
47)	2-Chloronaphthalene	9.527	162	727341	40.176 ng		99
48)	2-Nitroaniline	9.622	65	186931	40.322 ng		92
49)	Acenaphthylene	9.945	152	1052600	40.436 ng		100
50)	Dimethylphthalate	9.798	163	827723	40.822 ng		99
51)	2,6-Dinitrotoluene	9.863	165	195070	41.917 ng		88
52)	Acenaphthene	10.116	154	702120	40.809 ng		99
53)	3-Nitroaniline	10.033	138	185200	40.708 ng		96
54)	2,4-Dinitrophenol	10.133	184	91307	40.122 ng	#	83
55)	Dibenzofuran	10.292	168	1007913	40.253 ng		98
56)	4-Nitrophenol	10.174	139	144925	44.352 ng		98
57)	2,4-Dinitrotoluene	10.263	165	250828	41.692 ng	#	87
58)	Fluorene	10.633	166	804589	40.625 ng		100
59)	2,3,4,6-Tetrachlorophenol	10.404	232	209881	42.363 ng		99
60)	Diethylphthalate	10.498	149	796632	42.068 ng		99
61)	4-Chlorophenyl-phenyle...	10.621	204	406124	41.582 ng		97
62)	4-Nitroaniline	10.651	138	175341	40.635 ng		96
63)	Azobenzene	10.780	77	713517	41.424 ng		97
65)	4,6-Dinitro-2-methylph...	10.674	198	134431	42.998 ng		96
66)	n-Nitrosodiphenylamine	10.739	169	682099	41.078 ng		100
67)	4-Bromophenyl-phenylether	11.116	248	249283	41.995 ng		95
68)	Hexachlorobenzene	11.180	284	270967	41.296 ng	#	94
69)	Atrazine	11.263	200	198698	43.821 ng		99
70)	Pentachlorophenol	11.374	266	182153	47.392 ng		98
71)	Phenanthrene	11.604	178	1080062	40.478 ng		100
72)	Anthracene	11.657	178	1070796	40.447 ng		99
73)	Carbazole	11.804	167	989520	40.916 ng		100
74)	Di-n-butylphthalate	12.127	149	1191101	44.379 ng		100
75)	Fluoranthene	12.798	202	1116345	41.219 ng		99
77)	Benzidine	12.910	184	159672	41.776 ng		98
78)	Pyrene	13.027	202	1106435	43.255 ng		100
80)	Butylbenzylphthalate	13.633	149	365567	47.381 ng		98
81)	Benzo(a)anthracene	14.215	228	778707	42.086 ng		99
82)	3,3'-Dichlorobenzidine	14.174	252	230293	44.912 ng		99
83)	Chrysene	14.251	228	725501	40.999 ng		100
84)	Bis(2-ethylhexyl)phtha...	14.186	149	456930	47.112 ng		99
85)	Di-n-octyl phthalate	14.809	149	665598	50.799 ng		100
87)	Indeno(1,2,3-cd)pyrene	17.415	276	773324	43.962 ng		100
88)	Benzo(b)fluoranthene	15.315	252	656198	41.392 ng		100
89)	Benzo(k)fluoranthene	15.351	252	612863	39.351 ng		99
90)	Benzo(a)pyrene	15.721	252	560779	41.425 ng		99
91)	Dibenzo(a,h)anthracene	17.433	278	642594	44.214 ng		99
92)	Benzo(g,h,i)perylene	17.915	276	661268	43.311 ng		100

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

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