Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140981.D
Acq On : 27 Dec 2024 08:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 10:37:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

12/30/2024
Supervised By :mohammad ahmed

12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	281239	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1080103	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	567563	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1005111	20.000	ng	0.00
76) Chrysene-d12	13.986	240	657302	20.000	ng	0.00
86) Perylene-d12	15.439	264	544134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1403403	75.219	ng	0.00
7) Phenol-d6	6.451	99	1808462	75.243	ng	0.00
23) Nitrobenzene-d5	7.393	82	1477510	87.518	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	461893	83.751	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2724506	76.481	ng	0.00
79) Terphenyl-d14	12.933	244	3094810	78.206	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	332243	39.333	ng	99
3) Pyridine	3.299	79	808267	39.155	ng	100
4) n-Nitrosodimethylamine	3.246	42	406238	38.840	ng	98
6) Aniline	6.493	93	869338	40.556	ng	100
8) 2-Chlorophenol	6.610	128	755726	38.419	ng	99
9) Benzaldehyde	6.375	77	468157	39.803	ng	100
10) Phenol	6.463	94	953139m	38.352	ng	
11) bis(2-Chloroethyl)ether	6.563	93	736833	36.719	ng	100
12) 1,3-Dichlorobenzene	6.769	146	831597	38.307	ng	99
13) 1,4-Dichlorobenzene	6.846	146	839774	38.373	ng	100
14) 1,2-Dichlorobenzene	6.998	146	779577	38.206	ng	100
15) Benzyl Alcohol	6.969	79	651382	37.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1144166	37.702	ng	99
17) 2-Methylphenol	7.075	107	622852	38.114	ng	100
18) Hexachloroethane	7.346	117	300838	38.697	ng	99
19) n-Nitroso-di-n-propyla...	7.246	70	542447	36.840	ng	99
20) 3+4-Methylphenols	7.228	107	778437	37.641	ng	98
22) Acetophenone	7.240	105	1009919	38.115	ng	100
24) Nitrobenzene	7.410	77	814834	43.194	ng	99
25) Isophorone	7.651	82	1404163	38.222	ng	100
26) 2-Nitrophenol	7.728	139	300169	39.841	ng	100
27) 2,4-Dimethylphenol	7.757	122	517880	38.572	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	891140	38.286	ng	100
29) 2,4-Dichlorophenol	7.963	162	605445	39.760	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	678684	39.378	ng	99
31) Naphthalene	8.134	128	2177764	38.264	ng	100
32) Benzoic acid	7.863	122	410627	38.901	ng	98
33) 4-Chloroaniline	8.181	127	793481	38.537	ng	100
34) Hexachlorobutadiene	8.251	225	396700	39.043	ng	99
35) Caprolactam	8.545	113	200684m	38.767	ng	
36) 4-Chloro-3-methylphenol	8.651	107	652584	38.590	ng	100
37) 2-Methylnaphthalene	8.822	142	1394232	38.292	ng	100
38) 1-Methylnaphthalene	8.922	142	1351886	37.780	ng	98
40) 1,2,4,5-Tetrachloroben...	8.987	216	616591	39.489	ng	100
41) Hexachlorocyclopentadiene	8.975	237	209800	40.546	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	416089	40.039	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	443044	41.666	ng		99
46) 1,1'-Biphenyl	9.287	154	1702421	39.174	ng		100
47) 2-Chloronaphthalene	9.310	162	1321020	39.194	ng		99
48) 2-Nitroaniline	9.404	65	360451	41.569	ng		94
49) Acenaphthylene	9.728	152	1885326	38.857	ng		100
50) Dimethylphthalate	9.587	163	1460417	39.119	ng		100
51) 2,6-Dinitrotoluene	9.645	165	320670	42.567	ng		99
52) Acenaphthene	9.898	154	1283578	39.132	ng		99
53) 3-Nitroaniline	9.810	138	347925	42.429	ng	#	97
54) 2,4-Dinitrophenol	9.916	184	92421	41.265	ng	#	1
55) Dibenzofuran	10.069	168	1792488	38.885	ng		99
56) 4-Nitrophenol	9.957	139	279388	43.750	ng		98
57) 2,4-Dinitrotoluene	10.045	165	395699	42.991	ng		99
58) Fluorene	10.410	166	1367597	38.258	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	360917	40.984	ng		99
60) Diethylphthalate	10.287	149	1445371	39.217	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	668455	38.863	ng		99
62) 4-Nitroaniline	10.422	138	341655	41.772	ng		98
63) Azobenzene	10.563	77	1505715	38.923	ng		100
65) 4,6-Dinitro-2-methylph...	10.451	198	156404	40.775	ng		100
66) n-Nitrosodiphenylamine	10.522	169	1214814	38.382	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	427604	39.355	ng		100
68) Hexachlorobenzene	10.957	284	463413	38.679	ng		99
69) Atrazine	11.045	200	317211	35.875	ng		99
70) Pentachlorophenol	11.145	266	312726	41.924	ng		99
71) Phenanthrene	11.375	178	2034845	38.466	ng		100
72) Anthracene	11.422	178	2006587	38.711	ng		100
73) Carbazole	11.575	167	1924312	38.617	ng		100
74) Di-n-butylphthalate	11.916	149	2179635	38.457	ng		100
75) Fluoranthene	12.557	202	2199143	38.330	ng		100
77) Benzidine	12.680	184	652981	47.006	ng		100
78) Pyrene	12.786	202	2253664	39.204	ng		100
80) Butylbenzylphthalate	13.416	149	850382	40.511	ng		99
81) Benzo(a)anthracene	13.975	228	1784876	38.963	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	509758	37.037	ng		99
83) Chrysene	14.016	228	1575097	38.141	ng		100
84) Bis(2-ethylhexyl)phtha...	13.975	149	1095405	40.230	ng		100
85) Di-n-octyl phthalate	14.592	149	1555182	39.462	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1445260	42.158	ng		100
88) Benzo(b)fluoranthene	15.016	252	1420323	37.426	ng		100
89) Benzo(k)fluoranthene	15.051	252	1233502	41.471	ng		99
90) Benzo(a)pyrene	15.380	252	1138486	38.650	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	1189450	42.803	ng		100
92) Benzo(g,h,i)perylene	17.327	276	1245650	43.218	ng		99

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

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