Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130642.D
Acq On : 13 Oct 2022 12:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 05:44:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	84746	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	317492	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	172855	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	303709	20.000	ng		0.00
76) Chrysene-d12	13.727	240	189819	20.000	ng		0.00
86) Perylene-d12	15.104	264	148177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	370699	78.848	ng		0.00
7) Phenol-d6	6.240	99	457111	77.332	ng		0.00
23) Nitrobenzene-d5	7.163	82	445328	76.571	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	144585	85.484	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	912363	79.951	ng		0.00
79) Terphenyl-d14	12.686	244	950124	83.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.152	88	90257	31.732	ng		98
3) Pyridine	2.810	79	198703	39.054	ng		97
4) n-Nitrosodimethylamine	2.781	42	95470	39.825	ng		93
6) Aniline	6.257	93	266253	37.623	ng		95
8) 2-Chlorophenol	6.375	128	216806	39.213	ng		97
9) Benzaldehyde	6.140	77	134132	36.118	ng		99
10) Phenol	6.251	94	262812	38.426	ng		100
11) bis(2-Chloroethyl)ether	6.334	93	190591	38.363	ng		99
12) 1,3-Dichlorobenzene	6.528	146	243005	40.142	ng		99
13) 1,4-Dichlorobenzene	6.604	146	245478	39.971	ng		99
14) 1,2-Dichlorobenzene	6.757	146	229227	40.077	ng		100
15) Benzyl Alcohol	6.745	79	170993	40.292	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.875	45	237256	37.120	ng		98
17) 2-Methylphenol	6.857	107	174070	39.579	ng		97
18) Hexachloroethane	7.093	117	92024	39.608	ng		95
19) n-Nitroso-di-n-propyla...	7.016	70	144250	37.824	ng		99
20) 3+4-Methylphenols	7.016	107	225073	38.191	ng		98
22) Acetophenone	7.010	105	290655	38.163	ng		99
24) Nitrobenzene	7.181	77	223508	38.215	ng		97
25) Isophorone	7.422	82	370800	38.307	ng		98
26) 2-Nitrophenol	7.492	139	115641	40.318	ng	#	87
27) 2,4-Dimethylphenol	7.540	122	156040	39.033	ng		99
28) bis(2-Chloroethoxy)met...	7.634	93	213950	38.173	ng		100
29) 2,4-Dichlorophenol	7.740	162	183227	40.966	ng		98
30) 1,2,4-Trichlorobenzene	7.816	180	196994	40.854	ng		98
31) Naphthalene	7.892	128	649561	39.523	ng		99
32) Benzoic acid	7.692	122	95947m	37.938	ng		
33) 4-Chloroaniline	7.951	127	247826	38.927	ng		99
34) Hexachlorobutadiene	8.010	225	126840	42.382	ng		98
35) Caprolactam	8.334	113	53490	39.749	ng		99
36) 4-Chloro-3-methylphenol	8.445	107	190874	39.343	ng		99
37) 2-Methylnaphthalene	8.587	142	424444	41.039	ng		100
38) 1-Methylnaphthalene	8.681	142	406407	40.478	ng		99
40) 1,2,4,5-Tetrachloroben...	8.751	216	191733	40.883	ng		98
41) Hexachlorocyclopentadiene	8.734	237	53939	36.306	ng		99
43) 2,4,6-Trichlorophenol	8.869	196	125134	39.739	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.910	196	141692	40.917	ng		99
46)	1,1'-Biphenyl	9.051	154	495669	39.568	ng		99
47)	2-Chloronaphthalene	9.069	162	406618	39.715	ng		98
48)	2-Nitroaniline	9.175	65	121515	39.427	ng		89
49)	Acenaphthylene	9.481	152	603681	39.352	ng		99
50)	Dimethylphthalate	9.357	163	481178	40.214	ng		99
51)	2,6-Dinitrotoluene	9.422	165	106637	40.628	ng		96
52)	Acenaphthene	9.657	154	362934	39.049	ng		99
53)	3-Nitroaniline	9.592	138	112334	39.044	ng		100
54)	2,4-Dinitrophenol	9.704	184	43270	35.314	ng		94
55)	Dibenzofuran	9.828	168	561203	39.636	ng		99
56)	4-Nitrophenol	9.763	139	59137	37.278	ng		91
57)	2,4-Dinitrotoluene	9.822	165	138591	41.085	ng		97
58)	Fluorene	10.169	166	463815	39.845	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.951	232	108769	39.398	ng		98
60)	Diethylphthalate	10.051	149	476161	39.884	ng		100
61)	4-Chlorophenyl-phenyle...	10.163	204	214599	40.777	ng		97
62)	4-Nitroaniline	10.204	138	107281	39.055	ng		97
63)	Azobenzene	10.322	77	422830	37.603	ng		98
65)	4,6-Dinitro-2-methylph...	10.233	198	76217	40.158	ng		100
66)	n-Nitrosodiphenylamine	10.286	169	389660	38.570	ng		100
67)	4-Bromophenyl-phenylether	10.651	248	139778	40.675	ng		97
68)	Hexachlorobenzene	10.710	284	158801	40.879	ng		96
69)	Atrazine	10.816	200	114085	41.471	ng		98
70)	Pentachlorophenol	10.910	266	56449	37.336	ng		97
71)	Phenanthrene	11.128	178	652424	38.773	ng		99
72)	Anthracene	11.175	178	636462	38.730	ng		100
73)	Carbazole	11.339	167	572497	39.041	ng		100
74)	Di-n-butylphthalate	11.669	149	709583	39.948	ng		100
75)	Fluoranthene	12.310	202	652724	40.361	ng		99
77)	Benzidine	12.439	184	134387	28.009	ng		99
78)	Pyrene	12.533	202	654776	39.984	ng		100
80)	Butylbenzylphthalate	13.163	149	253484	40.255	ng		97
81)	Benzo(a)anthracene	13.721	228	503782	39.388	ng		100
82)	3,3'-Dichlorobenzidine	13.686	252	142940	38.674	ng		100
83)	Chrysene	13.757	228	474360	39.117	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.721	149	304237	39.853	ng		99
85)	Di-n-octyl phthalate	14.327	149	425944	36.432	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.398	276	478285	43.126	ng		97
88)	Benzo(b)fluoranthene	14.727	252	391976	41.776	ng		99
89)	Benzo(k)fluoranthene	14.751	252	367130	38.427	ng		99
90)	Benzo(a)pyrene	15.051	252	310571	39.770	ng	#	98
91)	Dibenzo(a,h)anthracene	16.404	278	396822	43.651	ng		100
92)	Benzo(g,h,i)perylene	16.780	276	390741	46.148	ng		97

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

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