Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129542.D
Acq On : 03 Aug 2022 16:04
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 17:46:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	177078	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	671347	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	345850	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	592076	20.000	ng		0.00
76) Chrysene-d12	14.051	240	396016	20.000	ng		0.00
86) Perylene-d12	15.533	264	293956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	876791	80.659	ng		0.00
7) Phenol-d6	6.516	99	1107502	81.056	ng		0.00
23) Nitrobenzene-d5	7.439	82	1030727	83.811	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	282037	84.821	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1768696	79.112	ng		0.00
79) Terphenyl-d14	12.986	244	1810955	86.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	191561	39.058	ng		89
3) Pyridine	3.416	79	544044	39.944	ng		90
4) n-Nitrosodimethylamine	3.369	42	243329	40.684	ng	#	96
6) Aniline	6.539	93	637396	37.525	ng		95
8) 2-Chlorophenol	6.663	128	480208	40.435	ng		98
9) Benzaldehyde	6.422	77	338251	36.454	ng		95
10) Phenol	6.528	94	608975m	41.853	ng		
11) bis(2-Chloroethyl)ether	6.610	93	456127	39.528	ng		92
12) 1,3-Dichlorobenzene	6.810	146	513901	40.347	ng		98
13) 1,4-Dichlorobenzene	6.886	146	523191	40.389	ng		98
14) 1,2-Dichlorobenzene	7.045	146	484509	40.692	ng		99
15) Benzyl Alcohol	7.016	79	415206	41.900	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	638893	36.833	ng		76
17) 2-Methylphenol	7.133	107	391015	39.688	ng		94
18) Hexachloroethane	7.381	117	199483	40.898	ng		90
19) n-Nitroso-di-n-propyla...	7.286	70	329073	39.783	ng		92
20) 3+4-Methylphenols	7.286	107	488532	38.999	ng	#	85
22) Acetophenone	7.281	105	646382	41.354	ng		94
24) Nitrobenzene	7.457	77	519641	41.032	ng		97
25) Isophorone	7.692	82	876450	39.758	ng		99
26) 2-Nitrophenol	7.775	139	262263	41.978	ng		90
27) 2,4-Dimethylphenol	7.810	122	382916m	40.859	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	508113	39.733	ng		99
29) 2,4-Dichlorophenol	8.016	162	398875	41.237	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	411569	41.107	ng		97
31) Naphthalene	8.175	128	1398883	41.013	ng		99
32) Benzoic acid	7.939	122	206910	30.540	ng		99
33) 4-Chloroaniline	8.228	127	562183	40.146	ng		99
34) Hexachlorobutadiene	8.286	225	241840	42.494	ng		99
35) Caprolactam	8.610	113	126269	40.152	ng	#	80
36) 4-Chloro-3-methylphenol	8.716	107	423816	41.311	ng		98
37) 2-Methylnaphthalene	8.869	142	902338	40.709	ng		100
38) 1-Methylnaphthalene	8.969	142	890391	41.612	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	386167	42.523	ng		99
41) Hexachlorocyclopentadiene	9.016	237	157404	38.925	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	269718	40.892	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	297545	41.482	ng		98
46)	1,1'-Biphenyl	9.333	154	1056544	41.860	ng		99
47)	2-Chloronaphthalene	9.357	162	840762	41.205	ng		99
48)	2-Nitroaniline	9.463	65	287616	42.391	ng	#	85
49)	Acenaphthylene	9.774	152	1284524	41.431	ng		100
50)	Dimethylphthalate	9.633	163	995015	41.676	ng		99
51)	2,6-Dinitrotoluene	9.698	165	226239	42.337	ng		94
52)	Acenaphthene	9.945	154	844138m	41.686	ng		
53)	3-Nitroaniline	9.874	138	254720	40.367	ng	#	93
54)	2,4-Dinitrophenol	9.980	184	110747	40.597	ng		94
55)	Dibenzofuran	10.122	168	1167560	41.825	ng		98
56)	4-Nitrophenol	10.045	139	175402	37.678	ng		98
57)	2,4-Dinitrotoluene	10.104	165	301100	43.133	ng		98
58)	Fluorene	10.463	166	943574	42.245	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	227830	41.102	ng		93
60)	Diethylphthalate	10.327	149	971306	42.085	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	414489	42.094	ng		92
62)	4-Nitroaniline	10.492	138	253664	40.523	ng		96
63)	Azobenzene	10.610	77	960516	40.803	ng		94
65)	4,6-Dinitro-2-methylph...	10.516	198	157655	42.187	ng		93
66)	n-Nitrosodiphenylamine	10.574	169	807010	40.929	ng		96
67)	4-Bromophenyl-phenylether	10.939	248	269037	41.496	ng	#	90
68)	Hexachlorobenzene	11.010	284	297913	42.408	ng		98
69)	Atrazine	11.098	200	244518	40.827	ng		97
70)	Pentachlorophenol	11.210	266	151520	39.675	ng		98
71)	Phenanthrene	11.427	178	1329498	41.136	ng		99
72)	Anthracene	11.480	178	1317739	41.489	ng		99
73)	Carbazole	11.639	167	1228108	41.076	ng		98
74)	Di-n-butylphthalate	11.957	149	1496356	42.026	ng		99
75)	Fluoranthene	12.621	202	1363030	41.623	ng		100
77)	Benzidine	12.739	184	605003	43.245	ng		100
78)	Pyrene	12.851	202	1385130	41.827	ng		99
80)	Butylbenzylphthalate	13.457	149	607876	42.319	ng		96
81)	Benzo(a)anthracene	14.039	228	1104231	40.819	ng		100
82)	3,3'-Dichlorobenzidine	13.998	252	350634	39.257	ng		98
83)	Chrysene	14.074	228	1024417	40.181	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	763991	40.400	ng		99
85)	Di-n-octyl phthalate	14.621	149	1098907	40.382	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.039	276	849496	42.914	ng		99
88)	Benzo(b)fluoranthene	15.092	252	833951	42.769	ng		98
89)	Benzo(k)fluoranthene	15.127	252	787308	41.202	ng		99
90)	Benzo(a)pyrene	15.468	252	651343	41.149	ng		99
91)	Dibenzo(a,h)anthracene	17.051	278	695343	43.158	ng		99
92)	Benzo(g,h,i)perylene	17.498	276	724472	44.005	ng		100

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

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