Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011822\
Data File : BF126601.D
Acq On : 18 Jan 2022 13:11
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 18 13:57:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 18 12:37:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/19/2022
Supervised By :Jagrut Upadhyay
01/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	127776	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	444946	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	242598	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	394888	20.000	ng		0.00
76) Chrysene-d12	14.151	240	239285	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	200996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1279578	116.867	ng		0.00
7) Phenol-d6	6.592	99	1750645	127.125	ng		0.01
23) Nitrobenzene-d5	7.539	82	1792491	180.397	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	358000	208.979	ng		0.01
45) 2-Fluorobiphenyl	9.333	172	2152401	149.683	ng		0.00
79) Terphenyl-d14	13.098	244	2223884	149.875	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	332745	62.957	ng		90
3) Pyridine	3.599	79	922362	87.325	ng	#	84
4) n-Nitrosodimethylamine	3.581	42	328139	49.028	ng		84
6) Aniline	6.645	93	1182765m	64.595	ng		
8) 2-Chlorophenol	6.757	128	574826	51.741	ng		92
10) Phenol	6.610	94	943390	60.904	ng		93
11) bis(2-Chloroethyl)ether	6.710	93	772508	62.856	ng		97
12) 1,3-Dichlorobenzene	6.910	146	655432	60.802	ng	#	91
13) 1,4-Dichlorobenzene	6.987	146	660756	60.491	ng		95
14) 1,2-Dichlorobenzene	7.145	146	602931	58.267	ng		98
15) Benzyl Alcohol	7.110	79	792926	74.794	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.239	45	881897	42.176	ng		84
17) 2-Methylphenol	7.210	107	591551	65.171	ng	#	90
18) Hexachloroethane	7.481	117	274125	58.689	ng		95
19) n-Nitroso-di-n-propyla...	7.392	70	632986	76.568	ng	#	84
20) 3+4-Methylphenols	7.375	107	720839	69.131	ng		95
22) Acetophenone	7.386	105	950598	80.886	ng	#	91
24) Nitrobenzene	7.557	77	910626	88.054	ng	#	83
25) Isophorone	7.798	82	1607702	86.417	ng	#	94
26) 2-Nitrophenol	7.869	139	277398	60.552	ng	#	67
27) 2,4-Dimethylphenol	7.898	122	513127	63.787	ng		85
28) bis(2-Chloroethoxy)met...	7.998	93	982383	89.328	ng	#	96
29) 2,4-Dichlorophenol	8.104	162	505310	77.839	ng		93
30) 1,2,4-Trichlorobenzene	8.192	180	536619	78.637	ng		99
31) Naphthalene	8.275	128	1675733	67.453	ng		99
32) Benzoic acid	8.039	122	417073	114.438	ng	#	67
33) 4-Chloroaniline	8.322	127	672186	63.579	ng	#	88
34) Hexachlorobutadiene	8.386	225	344911	92.304	ng		98
35) Caprolactam	8.722	113	181246m	55.756	ng		
36) 4-Chloro-3-methylphenol	8.798	107	643222	80.232	ng		85
37) 2-Methylnaphthalene	8.969	142	1029865	65.275	ng		97
38) 1-Methylnaphthalene	9.069	142	990963	68.000	ng		98
40) 1,2,4,5-Tetrachloroben...	9.133	216	495521	81.725	ng		98
41) Hexachlorocyclopentadiene	9.116	237	332738	147.207	ng		94
43) 2,4,6-Trichlorophenol	9.239	196	366363	91.142	ng		96
44) 2,4,5-Trichlorophenol	9.280	196	365350	84.974	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.433	154	1260169	63.543	ng		96
47) 2-Chloronaphthalene	9.463	162	1006471	70.320	ng		98
48) 2-Nitroaniline	9.551	65	435058	75.326	ng	#	86
49) Acenaphthylene	9.880	152	1548233	71.816	ng		98
50) Dimethylphthalate	9.739	163	1219705	74.247	ng		100
51) 2,6-Dinitrotoluene	9.798	165	246645	63.961	ng	#	75
52) Acenaphthene	10.051	154	979233	68.046	ng		97
53) 3-Nitroaniline	9.969	138	282203	60.330	ng	#	71
54) 2,4-Dinitrophenol	10.069	184	113924	84.605	ng		88
55) Dibenzofuran	10.222	168	1431665	73.594	ng		94
56) 4-Nitrophenol	10.116	139	225249	74.551	ng	#	68
57) 2,4-Dinitrotoluene	10.204	165	319334	64.197	ng		96
58) Fluorene	10.569	166	1052948	70.173	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	303158	85.223	ng		88
60) Diethylphthalate	10.433	149	1188658	77.299	ng		99
61) 4-Chlorophenyl-phenyle...	10.557	204	536815	76.789	ng		88
62) 4-Nitroaniline	10.592	138	268898	58.374	ng	#	59
63) Azobenzene	10.716	77	1703751	86.116	ng		92
65) 4,6-Dinitro-2-methylph...	10.610	198	167070	68.200	ng		85
66) n-Nitrosodiphenylamine	10.680	169	938201	67.798	ng		100
67) 4-Bromophenyl-phenylether	11.045	248	340676	84.241	ng		98
68) Hexachlorobenzene	11.110	284	363684	86.271	ng	#	90
69) Atrazine	11.204	200	294431	65.310	ng		93
70) Pentachlorophenol	11.298	266	223678	113.902	ng		99
71) Phenanthrene	11.533	178	1542778	66.069	ng		100
72) Anthracene	11.586	178	1539008	63.807	ng		99
73) Carbazole	11.733	167	1445305	68.626	ng		99
74) Di-n-butylphthalate	12.063	149	1752771	71.936	ng	#	98
75) Fluoranthene	12.721	202	1522287	68.266	ng		97
77) Benzidine	12.839	184	486045	36.316	ng	#	93
78) Pyrene	12.951	202	1530365	65.298	ng		98
80) Butylbenzylphthalate	13.568	149	658896	67.929	ng	#	95
81) Benzo(a)anthracene	14.145	228	1189439	77.180	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	367593	62.292	ng	#	97
83) Chrysene	14.180	228	1137307	66.498	ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	849015	75.310	ng		99
85) Di-n-octyl phthalate	14.751	149	1268175	65.803	ng		96
87) Indeno(1,2,3-cd)pyrene	17.251	276	1062454	87.981	ng	#	88
88) Benzo(b)fluoranthene	15.227	252	942986	68.800	ng	#	94
89) Benzo(k)fluoranthene	15.262	252	960877	67.292	ng	#	94
90) Benzo(a)pyrene	15.615	252	811508	60.586	ng	#	94
91) Dibenzo(a,h)anthracene	17.280	278	876877	88.252	ng	#	92
92) Benzo(g,h,i)perylene	17.733	276	878829	82.238	ng	#	88

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

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