Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126911.D
Acq On : 16 Feb 2022 14:08
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 14:34:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 13:26:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	124931	20.000	ng		0.00
21) Naphthalene-d8	8.222	136	452892	20.000	ng	#	0.00
39) Acenaphthene-d10	9.980	164	223905	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	385935	20.000	ng	#	0.00
76) Chrysene-d12	14.115	240	213215	20.000	ng	#	0.00
86) Perylene-d12	15.615	264	182004	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	1110697	121.770	ng		0.00
7) Phenol-d6	6.569	99	1491938	118.247	ng		0.01
23) Nitrobenzene-d5	7.510	82	1512711	125.004	ng		0.01
42) 2,4,6-Tribromophenol	10.774	330	399922	172.101	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	2199861	162.685	ng		0.00
79) Terphenyl-d14	13.057	244	2209250	173.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	266694	57.780	ng		95
3) Pyridine	3.528	79	705982	56.402	ng		88
4) n-Nitrosodimethylamine	3.516	42	348681	90.185	ng	#	71
6) Aniline	6.610	93	915248	56.848	ng		95
8) 2-Chlorophenol	6.728	128	589520	70.683	ng		98
10) Phenol	6.581	94	764336	56.597	ng		79
11) bis(2-Chloroethyl)ether	6.681	93	597458	54.913	ng		98
12) 1,3-Dichlorobenzene	6.881	146	644065	68.582	ng		98
13) 1,4-Dichlorobenzene	6.957	146	652240	68.715	ng		98
14) 1,2-Dichlorobenzene	7.110	146	606253	65.725	ng		99
15) Benzyl Alcohol	7.081	79	636052	63.095	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.210	45	910476	77.678	ng		96
17) 2-Methylphenol	7.181	107	524076	63.899	ng	#	94
18) Hexachloroethane	7.445	117	253430	68.158	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	488016	58.740	ng		99
20) 3+4-Methylphenols	7.345	107	646387	62.574	ng		93
22) Acetophenone	7.357	105	860377	65.652	ng		93
24) Nitrobenzene	7.528	77	713413	59.389	ng		94
25) Isophorone	7.769	82	1270502	61.174	ng	#	98
26) 2-Nitrophenol	7.839	139	316245	78.990	ng	#	83
27) 2,4-Dimethylphenol	7.869	122	497052	71.083	ng		91
28) bis(2-Chloroethoxy)met...	7.969	93	746964	56.710	ng		98
29) 2,4-Dichlorophenol	8.075	162	467503	67.916	ng		97
30) 1,2,4-Trichlorobenzene	8.157	180	518994	70.110	ng		98
31) Naphthalene	8.245	128	1710694	72.267	ng		98
32) Benzoic acid	8.022	122	417225	77.317	ng	#	81
33) 4-Chloroaniline	8.292	127	666885	69.725	ng		95
34) Hexachlorobutadiene	8.351	225	301947	65.075	ng		98
35) Caprolactam	8.698	113	167719m	66.962	ng		
36) 4-Chloro-3-methylphenol	8.775	107	603138	68.741	ng		97
37) 2-Methylnaphthalene	8.933	142	1105342	75.779	ng		98
38) 1-Methylnaphthalene	9.033	142	1062627	75.682	ng		98
40) 1,2,4,5-Tetrachloroben...	9.098	216	451045	69.964	ng		98
41) Hexachlorocyclopentadiene	9.080	237	280761	75.556	ng		94
43) 2,4,6-Trichlorophenol	9.210	196	336360	74.062	ng		99
44) 2,4,5-Trichlorophenol	9.251	196	348123	73.421	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.404	154	1309970	79.884	ng		97
47) 2-Chloronaphthalene	9.427	162	976242	75.101	ng		94
48) 2-Nitroaniline	9.522	65	406784	76.752	ng		94
49) Acenaphthylene	9.845	152	1551199	77.288	ng		99
50) Dimethylphthalate	9.704	163	1202453	77.693	ng		98
51) 2,6-Dinitrotoluene	9.769	165	249037	78.333	ng		88
52) Acenaphthene	10.016	154	1046089m	81.747	ng		
53) 3-Nitroaniline	9.939	138	304851	84.148	ng		99
54) 2,4-Dinitrophenol	10.039	184	153995	91.955	ng	#	87
55) Dibenzofuran	10.186	168	1383309	73.237	ng	#	89
56) 4-Nitrophenol	10.092	139	231582	84.407	ng	#	78
57) 2,4-Dinitrotoluene	10.175	165	336709	78.143	ng	#	96
58) Fluorene	10.533	166	1082048	77.426	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	275848	67.216	ng		98
60) Diethylphthalate	10.398	149	1224002	80.489	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	521640	73.792	ng		96
62) 4-Nitroaniline	10.563	138	297325	86.489	ng	#	80
63) Azobenzene	10.680	77	1345776	63.781	ng		93
65) 4,6-Dinitro-2-methylph...	10.580	198	196022	83.727	ng		83
66) n-Nitrosodiphenylamine	10.645	169	941358	75.849	ng		98
67) 4-Bromophenyl-phenylether	11.010	248	329487	74.587	ng		92
68) Hexachlorobenzene	11.074	284	353254	73.081	ng		95
69) Atrazine	11.169	200	274546	68.174	ng		96
70) Pentachlorophenol	11.269	266	211110	74.859	ng		98
71) Phenanthrene	11.498	178	1557240	72.854	ng		100
72) Anthracene	11.551	178	1555798	72.672	ng		100
73) Carbazole	11.704	167	1417887	70.205	ng		98
74) Di-n-butylphthalate	12.021	149	1824599	77.921	ng	#	98
75) Fluoranthene	12.686	202	1442182	66.334	ng		95
78) Pyrene	12.916	202	1435312	84.235	ng		98
80) Butylbenzylphthalate	13.521	149	676949	95.748	ng		98
81) Benzo(a)anthracene	14.104	228	1086122	76.342	ng		98
82) 3,3'-Dichlorobenzidine	14.062	252	324701	79.692	ng	#	96
83) Chrysene	14.145	228	1016055	75.429	ng		100
84) Bis(2-ethylhexyl)phtha...	14.074	149	864655	93.999	ng		97
85) Di-n-octyl phthalate	14.698	149	1267816	96.662	ng		98
87) Indeno(1,2,3-cd)pyrene	17.168	276	1022625	92.120	ng	#	88
88) Benzo(b)fluoranthene	15.174	252	888422	74.652	ng	#	94
89) Benzo(k)fluoranthene	15.204	252	857049	72.195	ng	#	96
90) Benzo(a)pyrene	15.557	252	726016	76.530	ng	#	93
91) Dibenzo(a,h)anthracene	17.186	278	838928	92.264	ng	#	92
92) Benzo(g,h,i)perylene	17.645	276	843734	93.947	ng	#	87

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

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