Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131713.D
Acq On : 20 Dec 2022 15:10
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 21 02:13:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	92009	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	305129	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	184641	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	340518	20.000	ng		0.00
76) Chrysene-d12	14.069	240	209514	20.000	ng		0.00
86) Perylene-d12	15.557	264	168354	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	813461	147.495	ng		0.00
7) Phenol-d6	6.516	99	1085466	150.191	ng		0.01
23) Nitrobenzene-d5	7.451	82	1193079	147.828	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	326415	159.117	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2002547	136.750	ng		0.00
79) Terphenyl-d14	13.010	244	2224834	145.630	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	192232	77.220	ng		98
3) Pyridine	3.357	79	551610	79.810	ng		98
4) n-Nitrosodimethylamine	3.346	42	256539	67.302	ng		98
6) Aniline	6.540	93	666228	77.079	ng		97
8) 2-Chlorophenol	6.657	128	439212	75.148	ng		100
10) Phenol	6.528	94	638203	79.166	ng		89
11) bis(2-Chloroethyl)ether	6.616	93	468800	77.578	ng		97
12) 1,3-Dichlorobenzene	6.810	146	488395	72.074	ng		98
13) 1,4-Dichlorobenzene	6.887	146	501914	73.433	ng		97
14) 1,2-Dichlorobenzene	7.045	146	459104	70.315	ng		99
15) Benzyl Alcohol	7.022	79	479432	72.358	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	573376	73.454	ng		98
17) 2-Methylphenol	7.134	107	406824	77.234	ng		96
18) Hexachloroethane	7.381	117	200850	72.845	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	384863	71.017	ng		99
20) 3+4-Methylphenols	7.292	107	518760	72.306	ng		98
22) Acetophenone	7.292	105	694053	72.585	ng	#	91
24) Nitrobenzene	7.469	77	595570	73.165	ng		97
25) Isophorone	7.710	82	1019709	78.439	ng		99
26) 2-Nitrophenol	7.781	139	245412	88.408	ng		97
27) 2,4-Dimethylphenol	7.816	122	342331	80.459	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	531017	78.962	ng		98
29) 2,4-Dichlorophenol	8.022	162	409204	77.783	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	479998	74.399	ng		99
31) Naphthalene	8.187	128	1296652	75.449	ng		100
32) Benzoic acid	7.987	122	312178	101.311	ng		98
33) 4-Chloroaniline	8.239	127	497978	77.303	ng		98
34) Hexachlorobutadiene	8.292	225	321987	70.814	ng		98
35) Caprolactam	8.651	113	124767m	91.681	ng		
36) 4-Chloro-3-methylphenol	8.728	107	463871	78.523	ng		99
37) 2-Methylnaphthalene	8.881	142	890476	75.765	ng		99
38) 1-Methylnaphthalene	8.981	142	854176	75.707	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	497014	72.716	ng		99
41) Hexachlorocyclopentadiene	9.028	237	253091	72.952	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	323439	76.505	ng		97
44) 2,4,5-Trichlorophenol	9.204	196	350089	77.000	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	1075105	73.644	ng		99
47) 2-Chloronaphthalene	9.375	162	875320	73.592	ng		99
48) 2-Nitroaniline	9.475	65	321463	76.295	ng		96
49) Acenaphthylene	9.792	152	1292920	74.032	ng		100
50) Dimethylphthalate	9.657	163	1075399	76.402	ng		100
51) 2,6-Dinitrotoluene	9.722	165	233527	80.365	ng		98
52) Acenaphthene	9.963	154	801510	68.508	ng		98
53) 3-Nitroaniline	9.898	138	238083	85.395	ng		89
54) 2,4-Dinitrophenol	9.998	184	155024	106.281	ng		94
55) Dibenzofuran	10.133	168	1206672	72.996	ng		99
56) 4-Nitrophenol	10.057	139	175026	90.368	ng		96
57) 2,4-Dinitrotoluene	10.128	165	315218	81.776	ng		92
58) Fluorene	10.480	166	988734	73.573	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294381	76.461	ng	#	87
60) Diethylphthalate	10.357	149	1043777	77.275	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	522243	70.321	ng		100
62) 4-Nitroaniline	10.522	138	240003	86.870	ng		95
63) Azobenzene	10.633	77	1115055	72.378	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	200724	93.068	ng		90
66) n-Nitrosodiphenylamine	10.598	169	837895	76.112	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	324798	74.146	ng		97
68) Hexachlorobenzene	11.022	284	357027	75.350	ng		99
69) Atrazine	11.122	200	246254	70.441	ng		99
70) Pentachlorophenol	11.222	266	203936	83.604	ng		98
71) Phenanthrene	11.445	178	1453039	76.556	ng		99
72) Anthracene	11.498	178	1418857	76.837	ng		99
73) Carbazole	11.657	167	1210731	80.326	ng		100
74) Di-n-butylphthalate	11.980	149	1562417	84.494	ng		100
75) Fluoranthene	12.639	202	1559004	79.767	ng		98
77) Benzidine	12.757	184	154819	27.579	ng		97
78) Pyrene	12.869	202	1559332	75.479	ng		99
80) Butylbenzylphthalate	13.486	149	563625	94.273	ng		94
81) Benzo(a)anthracene	14.063	228	1193767	78.899	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	293169	68.103	ng		99
83) Chrysene	14.098	228	1138956	79.180	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	676362	93.432	ng		100
85) Di-n-octyl phthalate	14.657	149	977032	80.122	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1024546	74.570	ng		100
88) Benzo(b)fluoranthene	15.127	252	944229	85.097	ng		99
89) Benzo(k)fluoranthene	15.157	252	928522	80.173	ng		99
90) Benzo(a)pyrene	15.504	252	771919	81.518	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	845157	74.741	ng		99
92) Benzo(g,h,i)perylene	17.551	276	841123	74.012	ng		99

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

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