Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF129994.D
Acq On : 25 Aug 2022 11:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 25 15:50:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	136677	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	516535	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	269271	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	442511	20.000	ng		0.00
76) Chrysene-d12	13.927	240	262181	20.000	ng		0.00
86) Perylene-d12	15.368	264	234349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	702261	85.072	ng		0.00
7) Phenol-d6	6.422	99	873920	84.539	ng		0.00
23) Nitrobenzene-d5	7.334	82	857953	88.915	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	220499	81.590	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1492606	84.189	ng		0.00
79) Terphenyl-d14	12.863	244	1380412	87.608	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	144995	42.575	ng		95
3) Pyridine	3.199	79	375651	42.149	ng		97
4) n-Nitrosodimethylamine	3.169	42	200021	48.698	ng		87
6) Aniline	6.428	93	501351	42.552	ng	#	85
8) 2-Chlorophenol	6.557	128	385126	41.908	ng		99
9) Benzaldehyde	6.316	77	251949	46.628	ng		98
10) Phenol	6.434	94	485617	42.826	ng		94
11) bis(2-Chloroethyl)ether	6.498	93	356076	41.352	ng		96
12) 1,3-Dichlorobenzene	6.698	146	411450	41.473	ng		99
13) 1,4-Dichlorobenzene	6.775	146	414818	40.921	ng		99
14) 1,2-Dichlorobenzene	6.928	146	387263	41.133	ng		99
15) Benzyl Alcohol	6.916	79	338738	43.405	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	472346	40.937	ng		90
17) 2-Methylphenol	7.034	107	310535	42.085	ng		98
18) Hexachloroethane	7.263	117	164863	43.309	ng		94
19) n-Nitroso-di-n-propyla...	7.181	70	275268	42.127	ng		98
20) 3+4-Methylphenols	7.192	107	419887	42.392	ng		98
22) Acetophenone	7.175	105	552412	43.886	ng	#	97
24) Nitrobenzene	7.351	77	428312	44.021	ng		94
25) Isophorone	7.586	82	701084	42.215	ng		98
26) 2-Nitrophenol	7.663	139	206928	43.237	ng		91
27) 2,4-Dimethylphenol	7.710	122	286363	41.722	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	400980	41.352	ng		99
29) 2,4-Dichlorophenol	7.916	162	319266	42.540	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	333407	42.110	ng		99
31) Naphthalene	8.063	128	1138644	42.160	ng		99
32) Benzoic acid	7.869	122	125354	42.379	ng		91
33) 4-Chloroaniline	8.122	127	459564	43.271	ng		97
34) Hexachlorobutadiene	8.169	225	209520	43.460	ng		99
35) Caprolactam	8.510	113	96655	41.414	ng		98
36) 4-Chloro-3-methylphenol	8.622	107	350989	43.350	ng		99
37) 2-Methylnaphthalene	8.751	142	735294	41.481	ng		100
38) 1-Methylnaphthalene	8.851	142	708453	41.124	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	318054	42.468	ng		98
41) Hexachlorocyclopentadiene	8.898	237	81227	46.327	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	202923	41.702	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	219288	41.888	ng		99
46) 1,1'-Biphenyl	9.216	154	851371	41.619	ng		99
47) 2-Chloronaphthalene	9.245	162	682380	42.160	ng		99
48) 2-Nitroaniline	9.351	65	235763	46.092	ng		96
49) Acenaphthylene	9.657	152	1013891	41.309	ng		100
50) Dimethylphthalate	9.522	163	778960	40.354	ng		99
51) 2,6-Dinitrotoluene	9.592	165	174408	41.652	ng		90
52) Acenaphthene	9.828	154	614069	41.238	ng		100
53) 3-Nitroaniline	9.769	138	196953	42.532	ng		92
54) 2,4-Dinitrophenol	9.886	184	72159	40.980	ng		93
55) Dibenzofuran	9.998	168	917117	40.995	ng		94
56) 4-Nitrophenol	9.963	139	84460	40.998	ng		95
57) 2,4-Dinitrotoluene	10.004	165	228295	42.000	ng		96
58) Fluorene	10.345	166	764958	40.952	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	162218	42.223	ng	#	74
60) Diethylphthalate	10.216	149	757541	39.358	ng		98
61) 4-Chlorophenyl-phenyle...	10.333	204	334785	39.938	ng		99
62) 4-Nitroaniline	10.386	138	199055m	42.610	ng		
63) Azobenzene	10.492	77	753628	40.964	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	117125	45.086	ng		90
66) n-Nitrosodiphenylamine	10.457	169	626312	41.934	ng		99
67) 4-Bromophenyl-phenylether	10.822	248	214143	41.317	ng		96
68) Hexachlorobenzene	10.892	284	238887	42.549	ng		94
69) Atrazine	10.986	200	183693	40.072	ng		97
70) Pentachlorophenol	11.104	266	58453	37.665	ng		95
71) Phenanthrene	11.310	178	1057809	42.802	ng		99
72) Anthracene	11.357	178	1033143	42.037	ng		100
73) Carbazole	11.522	167	926246	41.517	ng		99
74) Di-n-butylphthalate	11.833	149	1105824	38.513	ng		99
75) Fluoranthene	12.498	202	1030373	40.743	ng		100
77) Benzidine	12.621	184	285038	45.336	ng		99
78) Pyrene	12.727	202	1035669	45.457	ng		100
80) Butylbenzylphthalate	13.333	149	378500	39.261	ng		96
81) Benzo(a)anthracene	13.915	228	752102	41.701	ng		99
82) 3,3'-Dichlorobenzidine	13.874	252	230990	41.353	ng		99
83) Chrysene	13.957	228	711509	42.144	ng		100
84) Bis(2-ethylhexyl)phtha...	13.886	149	383763	33.553	ng		99
85) Di-n-octyl phthalate	14.498	149	554502	35.119	ng		100
87) Indeno(1,2,3-cd)pyrene	16.815	276	754515	46.898	ng		98
88) Benzo(b)fluoranthene	14.957	252	615014	38.325	ng		98
89) Benzo(k)fluoranthene	14.986	252	614768m	39.948	ng		
90) Benzo(a)pyrene	15.315	252	525733	41.603	ng		99
91) Dibenzo(a,h)anthracene	16.815	278	615643	46.377	ng		99
92) Benzo(g,h,i)perylene	17.245	276	633751	47.853	ng		99

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

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