Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008770.D
Acq On : 12 Jan 2022 12:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 16:20:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	376836	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1496467	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	1008115	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2164908	20.000	ng		0.01
76) Chrysene-d12	21.357	240	2122674	20.000	ng		0.01
86) Perylene-d12	23.786	264	1938825	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1948750	80.981	ng		0.00
7) Phenol-d6	7.052	99	2434575	75.363	ng		0.00
23) Nitrobenzene-d5	9.034	82	2113211	79.973	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1231367	72.399	ng		0.00
45) 2-Fluorobiphenyl	13.140	172	5567933	77.649	ng		0.00
79) Terphenyl-d14	19.828	244	9124950	87.603	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	386214	42.554	ng		97
3) Pyridine	3.758	79	858749	40.224	ng		96
4) n-Nitrosodimethylamine	3.670	42	413190	43.435	ng		90
6) Aniline	7.199	93	1517179	37.385	ng		98
8) 2-Chlorophenol	7.440	128	1041381	38.291	ng		99
9) Benzaldehyde	7.011	77	813459	37.206	ng		98
10) Phenol	7.075	94	1245927	37.690	ng		96
11) bis(2-Chloroethyl)ether	7.299	93	962216	37.553	ng		98
12) 1,3-Dichlorobenzene	7.763	146	1188343	38.677	ng		99
13) 1,4-Dichlorobenzene	7.910	146	1203198	38.321	ng		100
14) 1,2-Dichlorobenzene	8.228	146	1150050	37.772	ng		99
15) Benzyl Alcohol	8.116	79	874926	36.458	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1063614	36.419	ng		99
17) 2-Methylphenol	8.328	107	830213	36.429	ng		98
18) Hexachloroethane	8.958	117	409265	38.752	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	729427	34.777	ng		97
20) 3+4-Methylphenols	8.658	107	1134013	35.862	ng		98
22) Acetophenone	8.699	105	1518395	38.455	ng	#	98
24) Nitrobenzene	9.075	77	1056508	39.497	ng		97
25) Isophorone	9.610	82	1993219	38.355	ng		98
26) 2-Nitrophenol	9.787	139	590264	42.314	ng		95
27) 2,4-Dimethylphenol	9.857	122	976186	39.067	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	1241049	38.300	ng		100
29) 2,4-Dichlorophenol	10.328	162	1049510	39.181	ng		99
30) 1,2,4-Trichlorobenzene	10.546	180	1150685	39.432	ng		99
31) Naphthalene	10.728	128	3147218	38.897	ng		100
32) Benzoic acid	10.034	122	702414	42.046	ng		99
33) 4-Chloroaniline	10.834	127	1360532	37.466	ng		99
34) Hexachlorobutadiene	11.016	225	697085	39.511	ng		99
35) Caprolactam	11.646	113	355406	37.337	ng		96
36) 4-Chloro-3-methylphenol	11.975	107	1024576	37.765	ng		99
37) 2-Methylnaphthalene	12.340	142	2390114	37.545	ng		98
38) 1-Methylnaphthalene	12.557	142	2188163	37.010	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	1324719	39.531	ng		99
41) Hexachlorocyclopentadiene	12.693	237	737514	37.019	ng		99
43) 2,4,6-Trichlorophenol	12.951	196	897755	40.237	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	969793	39.542	ng	98
46) 1,1'-Biphenyl	13.346	154	3056759	38.897	ng	100
47) 2-Chloronaphthalene	13.387	162	2354385	39.034	ng	99
48) 2-Nitroaniline	13.593	65	614323	41.726	ng	99
49) Acenaphthylene	14.234	152	3717601	38.797	ng	100
50) Dimethylphthalate	13.975	163	3000483	37.453	ng	100
51) 2,6-Dinitrotoluene	14.087	165	673322	38.863	ng	95
52) Acenaphthene	14.575	154	2228233	38.825	ng	99
53) 3-Nitroaniline	14.416	138	685992	38.795	ng	96
54) 2,4-Dinitrophenol	14.628	184	349175	39.520	ng	94
55) Dibenzofuran	14.910	168	3638715	38.444	ng	98
56) 4-Nitrophenol	14.740	139	571061	38.785	ng	94
57) 2,4-Dinitrotoluene	14.881	165	924378	39.089	ng	92
58) Fluorene	15.563	166	2942257	38.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	839329m	38.083	ng	
60) Diethylphthalate	15.340	149	2944987	37.911	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1562464	38.223	ng	99
62) 4-Nitroaniline	15.581	138	723961	39.433	ng	92
63) Azobenzene	15.851	77	2459204	40.386	ng	95
65) 4,6-Dinitro-2-methylph...	15.651	198	491009	40.878	ng	97
66) n-Nitrosodiphenylamine	15.775	169	2617239	39.892	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	996826	38.916	ng	97
68) Hexachlorobenzene	16.575	284	1124935	37.746	ng	95
69) Atrazine	16.734	200	1057435	39.707	ng	99
70) Pentachlorophenol	16.922	266	716421	38.508	ng	99
71) Phenanthrene	17.310	178	4689321	38.985	ng	99
72) Anthracene	17.404	178	4851338	39.493	ng	99
73) Carbazole	17.669	167	4385717	38.956	ng	99
74) Di-n-butylphthalate	18.228	149	5173041	40.133	ng	99
75) Fluoranthene	19.275	202	5690133	39.505	ng	98
77) Benzidine	19.451	184	2955261	32.537	ng	99
78) Pyrene	19.628	202	5786213	41.689	ng	99
80) Butylbenzylphthalate	20.504	149	2404351	42.368	ng	99
81) Benzo(a)anthracene	21.339	228	5577070	40.049	ng	99
82) 3,3'-Dichlorobenzidine	21.275	252	2413928	38.157	ng	99
83) Chrysene	21.392	228	5302196	39.470	ng	99
84) Bis(2-ethylhexyl)phtha...	21.269	149	3462230	41.786	ng	98
85) Di-n-octyl phthalate	22.204	149	5846821	39.758	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	5153150	33.263	ng	99
88) Benzo(b)fluoranthene	23.045	252	5348025	42.216	ng	100
89) Benzo(k)fluoranthene	23.092	252	5188222	43.761	ng	99
90) Benzo(a)pyrene	23.680	252	4978603	40.661	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	4364425	33.341	ng	99
92) Benzo(g,h,i)perylene	27.104	276	4134251	31.817	ng	99

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

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