Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
Data File : BP009192.D
Acq On : 17 Feb 2022 13:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 18 01:49:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	214399	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	738822	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	461257	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	984635	20.000	ng		0.00
76) Chrysene-d12	21.286	240	1068015	20.000	ng		0.00
86) Perylene-d12	23.674	264	1208084	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	892457	74.253	ng		0.00
7) Phenol-d6	6.975	99	1106920	69.893	ng		0.00
23) Nitrobenzene-d5	8.946	82	975409	74.452	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	520431	84.505	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2599744	78.901	ng		0.00
79) Terphenyl-d14	19.751	244	4112922	69.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	169003	42.695	ng		99
3) Pyridine	3.681	79	441973	38.221	ng		96
4) n-Nitrosodimethylamine	3.593	42	159133	35.923	ng	#	95
6) Aniline	7.111	93	615683	34.250	ng		98
8) 2-Chlorophenol	7.352	128	501197	36.949	ng		99
9) Benzaldehyde	6.928	77	270136m	33.674	ng		
10) Phenol	6.999	94	559120	35.113	ng		97
11) bis(2-Chloroethyl)ether	7.210	93	443155	35.842	ng		100
12) 1,3-Dichlorobenzene	7.663	146	591355	37.695	ng		98
13) 1,4-Dichlorobenzene	7.810	146	591001	36.904	ng		99
14) 1,2-Dichlorobenzene	8.128	146	569969	36.725	ng		98
15) Benzyl Alcohol	8.034	79	354696m	35.182	ng		
16) 2,2'-oxybis(1-Chloropr...	8.310	45	465754	33.422	ng		98
17) 2-Methylphenol	8.246	107	371689	34.818	ng		98
18) Hexachloroethane	8.846	117	198175	37.355	ng		96
19) n-Nitroso-di-n-propyla...	8.593	70	306373	33.786	ng		98
20) 3+4-Methylphenols	8.581	107	505648	34.610	ng		98
22) Acetophenone	8.610	105	650140	37.643	ng	#	95
24) Nitrobenzene	8.987	77	453614	36.627	ng		98
25) Isophorone	9.516	82	799591	36.733	ng		100
26) 2-Nitrophenol	9.699	139	255850	39.943	ng		95
27) 2,4-Dimethylphenol	9.775	122	354525	37.015	ng		99
28) bis(2-Chloroethoxy)met...	9.993	93	534945	36.206	ng		98
29) 2,4-Dichlorophenol	10.257	162	461338	38.547	ng		99
30) 1,2,4-Trichlorobenzene	10.446	180	555005	39.440	ng		99
31) Naphthalene	10.628	128	1391572	36.929	ng		99
32) Benzoic acid	9.981	122	265366	35.909	ng		99
33) 4-Chloroaniline	10.757	127	548237	36.031	ng		99
34) Hexachlorobutadiene	10.904	225	353843	40.875	ng		99
35) Caprolactam	11.563	113	131743	37.540	ng		94
36) 4-Chloro-3-methylphenol	11.904	107	415216	36.369	ng		98
37) 2-Methylnaphthalene	12.246	142	975537	36.584	ng		97
38) 1-Methylnaphthalene	12.457	142	942143	36.158	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	597572	40.702	ng		99
41) Hexachlorocyclopentadiene	12.587	237	199676	41.081	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	390500	40.108	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	422043	40.423	ng		98
46) 1,1'-Biphenyl	13.257	154	1301865	38.415	ng		99
47) 2-Chloronaphthalene	13.298	162	1029706	38.238	ng		100
48) 2-Nitroaniline	13.522	65	236876	37.962	ng		99
49) Acenaphthylene	14.145	152	1558435	38.386	ng		99
50) Dimethylphthalate	13.887	163	1277837	38.865	ng		99
51) 2,6-Dinitrotoluene	14.016	165	273481	39.882	ng		99
52) Acenaphthene	14.487	154	929401	37.624	ng		99
53) 3-Nitroaniline	14.357	138	270886	38.622	ng		99
54) 2,4-Dinitrophenol	14.592	184	131831	37.344	ng		94
55) Dibenzofuran	14.828	168	1618527	38.891	ng		99
56) 4-Nitrophenol	14.710	139	260465	49.213	ng		93
57) 2,4-Dinitrotoluene	14.816	165	378692	42.287	ng	#	80
58) Fluorene	15.475	166	1252887	39.185	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	366795m	40.144	ng		
60) Diethylphthalate	15.251	149	1235514	39.741	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	704100	40.530	ng		99
62) 4-Nitroaniline	15.528	138	287756m	40.804	ng		
63) Azobenzene	15.763	77	1005001	37.362	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	234047	38.733	ng		96
66) n-Nitrosodiphenylamine	15.692	169	1084946	36.333	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	438814	38.458	ng		98
68) Hexachlorobenzene	16.492	284	496912	38.878	ng		98
69) Atrazine	16.651	200	386340	39.017	ng		97
70) Pentachlorophenol	16.857	266	276806	41.131	ng		99
71) Phenanthrene	17.228	178	1953430	36.639	ng		98
72) Anthracene	17.316	178	1943202	37.253	ng		99
73) Carbazole	17.598	167	1895396	37.908	ng		100
74) Di-n-butylphthalate	18.145	149	2133556	42.114	ng		99
75) Fluoranthene	19.204	202	2399390	40.154	ng		95
77) Benzidine	19.392	184	783611	35.112	ng		99
78) Pyrene	19.557	202	2477206	32.606	ng		98
80) Butylbenzylphthalate	20.427	149	985178	37.712	ng		98
81) Benzo(a)anthracene	21.269	228	2619810	38.065	ng		98
82) 3,3'-Dichlorobenzidine	21.198	252	1014953	42.532	ng		96
83) Chrysene	21.322	228	2525988	38.071	ng		96
84) Bis(2-ethylhexyl)phtha...	21.186	149	1460357	42.260	ng		98
85) Di-n-octyl phthalate	22.098	149	2574370	46.572	ng		100
87) Indeno(1,2,3-cd)pyrene	26.174	276	3524779	39.268	ng		97
88) Benzo(b)fluoranthene	22.945	252	2723406	36.619	ng		99
89) Benzo(k)fluoranthene	22.992	252	2713150	36.566	ng		98
90) Benzo(a)pyrene	23.568	252	2373381	38.277	ng		99
91) Dibenzo(a,h)anthracene	26.174	278	2919863	39.582	ng		98
92) Benzo(g,h,i)perylene	26.933	276	2870440	39.082	ng		99

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

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