Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009072.D
Acq On : 09 Feb 2022 11:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 12:09:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	216860	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	923355	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	672781	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1373187	20.000	ng		0.00
76) Chrysene-d12	21.304	240	1088161	20.000	ng		0.00
86) Perylene-d12	23.704	264	891779	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	927592	76.300	ng		0.00
7) Phenol-d6	6.993	99	1278451	79.808	ng		0.00
23) Nitrobenzene-d5	8.969	82	1225279	74.834	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	733408	81.645	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	3534039	73.535	ng		0.00
79) Terphenyl-d14	19.774	244	4969630	82.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	165120	41.241	ng		98
3) Pyridine	3.705	79	464136	39.682	ng		98
4) n-Nitrosodimethylamine	3.616	42	176624	39.419	ng		86
6) Aniline	7.134	93	712590	39.191	ng		95
8) 2-Chlorophenol	7.375	128	540348	39.383	ng		97
9) Benzaldehyde	6.946	77	306763	37.806	ng		96
10) Phenol	7.016	94	632679	39.282	ng		95
11) bis(2-Chloroethyl)ether	7.234	93	501930	40.135	ng		99
12) 1,3-Dichlorobenzene	7.693	146	614441	38.723	ng		97
13) 1,4-Dichlorobenzene	7.840	146	638191	39.398	ng		98
14) 1,2-Dichlorobenzene	8.157	146	611129	38.930	ng		98
15) Benzyl Alcohol	8.052	79	458557	44.968	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	538196	38.182	ng		99
17) 2-Methylphenol	8.263	107	438245	40.587	ng		96
18) Hexachloroethane	8.875	117	209566	39.054	ng		98
19) n-Nitroso-di-n-propyla...	8.616	70	394276	42.987	ng		96
20) 3+4-Methylphenols	8.593	107	618814	41.875	ng		97
22) Acetophenone	8.634	105	799061	37.019	ng	#	96
24) Nitrobenzene	9.010	77	565373	36.527	ng		96
25) Isophorone	9.540	82	1053867	38.739	ng		96
26) 2-Nitrophenol	9.722	139	321044	40.104	ng		95
27) 2,4-Dimethylphenol	9.793	122	445359	37.206	ng		96
28) bis(2-Chloroethoxy)met...	10.016	93	686793	37.194	ng		98
29) 2,4-Dichlorophenol	10.269	162	573550	38.345	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	655304	37.261	ng		99
31) Naphthalene	10.651	128	1714686	36.409	ng		99
32) Benzoic acid	9.993	122	370736	39.276	ng		97
33) 4-Chloroaniline	10.769	127	776472	40.832	ng		97
34) Hexachlorobutadiene	10.940	225	432493	39.976	ng		97
35) Caprolactam	11.581	113	184232	42.005	ng		95
36) 4-Chloro-3-methylphenol	11.916	107	592901	41.554	ng		98
37) 2-Methylnaphthalene	12.269	142	1326680	39.809	ng		97
38) 1-Methylnaphthalene	12.487	142	1298589	39.878	ng		98
40) 1,2,4,5-Tetrachloroben...	12.640	216	799846	37.350	ng		99
41) Hexachlorocyclopentadiene	12.616	237	249380	36.421	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	565713	39.836	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	607265	39.876	ng		97
46)	1,1'-Biphenyl	13.281	154	1831872	37.060	ng		99
47)	2-Chloronaphthalene	13.322	162	1474653	37.544	ng		98
48)	2-Nitroaniline	13.534	65	380364	41.793	ng		93
49)	Acenaphthylene	14.169	152	2275108	38.420	ng		100
50)	Dimethylphthalate	13.916	163	1881639	39.236	ng		100
51)	2,6-Dinitrotoluene	14.034	165	404333	40.426	ng		93
52)	Acenaphthene	14.516	154	1347485	37.398	ng		100
53)	3-Nitroaniline	14.363	138	426854	41.725	ng		94
54)	2,4-Dinitrophenol	14.592	184	213738	40.475	ng		94
55)	Dibenzofuran	14.851	168	2286326	37.664	ng		98
56)	4-Nitrophenol	14.704	139	300060	40.603	ng		92
57)	2,4-Dinitrotoluene	14.834	165	541502	41.456	ng	#	86
58)	Fluorene	15.504	166	1756201	37.658	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.086	232	534050m	40.073	ng		
60)	Diethylphthalate	15.281	149	1804674	39.798	ng		98
61)	4-Chlorophenyl-phenyle...	15.498	204	948509	37.433	ng		98
62)	4-Nitroaniline	15.533	138	437590	42.541	ng		91
63)	Azobenzene	15.792	77	1551174	39.536	ng		95
65)	4,6-Dinitro-2-methylph...	15.604	198	348314	41.332	ng		96
66)	n-Nitrosodiphenylamine	15.710	169	1573207	37.776	ng		99
67)	4-Bromophenyl-phenylether	16.392	248	624528	39.247	ng		98
68)	Hexachlorobenzene	16.516	284	680289	38.165	ng		97
69)	Atrazine	16.675	200	579287	41.949	ng		99
70)	Pentachlorophenol	16.869	266	385604	41.085	ng		99
71)	Phenanthrene	17.251	178	2760346	37.125	ng		98
72)	Anthracene	17.339	178	2789050	38.340	ng		99
73)	Carbazole	17.616	167	2680009	38.434	ng		99
74)	Di-n-butylphthalate	18.169	149	3030606	42.894	ng		99
75)	Fluoranthene	19.222	202	3065239	36.782	ng		98
77)	Benzidine	19.404	184	1040292	45.751	ng		99
78)	Pyrene	19.574	202	3197394	41.306	ng		98
80)	Butylbenzylphthalate	20.445	149	1212467	45.553	ng		98
81)	Benzo(a)anthracene	21.286	228	2760765	39.370	ng		98
82)	3,3'-Dichlorobenzidine	21.221	252	948272	39.002	ng		100
83)	Chrysene	21.339	228	2512529	37.167	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.210	149	1593106	45.248	ng		96
85)	Di-n-octyl phthalate	22.127	149	2450609	43.512	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.209	276	2344428	35.382	ng		97
88)	Benzo(b)fluoranthene	22.968	252	2200567	40.084	ng		98
89)	Benzo(k)fluoranthene	23.021	252	2194876	40.073	ng		97
90)	Benzo(a)pyrene	23.598	252	1759975	38.452	ng		98
91)	Dibenzo(a,h)anthracene	26.215	278	1947650	35.768	ng		99
92)	Benzo(g,h,i)perylene	26.974	276	1891715	34.892	ng		98

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

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