Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009568.D
Acq On : 28 Mar 2022 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 29 03:12:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	330231	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1308220	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	814801	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1566391	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1251073	20.000	ng		0.00
86) Perylene-d12	23.692	264	1322367	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1630088	86.183	ng		0.00
7) Phenol-d6	6.957	99	2197210	85.899	ng		0.00
23) Nitrobenzene-d5	8.928	82	1999543	81.222	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	874356	65.029	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	4631775	78.804	ng		0.00
79) Terphenyl-d14	19.763	244	5706124	81.865	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	318598	42.527	ng		98
3) Pyridine	3.693	79	864388	42.840	ng		99
4) n-Nitrosodimethylamine	3.605	42	328125	44.157	ng		97
6) Aniline	7.099	93	1223096	41.955	ng		98
8) 2-Chlorophenol	7.340	128	884761	41.022	ng		98
9) Benzaldehyde	6.916	77	514501	42.512	ng		98
10) Phenol	6.981	94	1114473	43.429	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	843649	41.540	ng		97
12) 1,3-Dichlorobenzene	7.657	146	962618	39.544	ng		99
13) 1,4-Dichlorobenzene	7.804	146	978074	39.298	ng		100
14) 1,2-Dichlorobenzene	8.116	146	945862	39.319	ng		99
15) Benzyl Alcohol	8.016	79	804665m	39.456	ng		
16) 2,2'-oxybis(1-Chloropr...	8.299	45	979162	44.477	ng		97
17) 2-Methylphenol	8.228	107	725827	41.045	ng		99
18) Hexachloroethane	8.840	117	337354	38.676	ng		97
19) n-Nitroso-di-n-propyla...	8.581	70	655563	40.520	ng		99
20) 3+4-Methylphenols	8.557	107	1013426	41.678	ng		98
22) Acetophenone	8.593	105	1301789	40.204	ng	#	99
24) Nitrobenzene	8.969	77	948541	40.787	ng		97
25) Isophorone	9.498	82	1696795	40.407	ng		98
26) 2-Nitrophenol	9.681	139	482464	39.801	ng		96
27) 2,4-Dimethylphenol	9.751	122	713334	41.704	ng		99
28) bis(2-Chloroethoxy)met...	9.981	93	1112820	40.700	ng		99
29) 2,4-Dichlorophenol	10.222	162	842760	40.393	ng		98
30) 1,2,4-Trichlorobenzene	10.428	180	928038	38.392	ng		99
31) Naphthalene	10.610	128	2684581	39.839	ng		100
32) Benzoic acid	9.940	122	538142	40.241	ng		94
33) 4-Chloroaniline	10.728	127	1106895	40.254	ng		98
34) Hexachlorobutadiene	10.904	225	592476	36.173	ng		99
35) Caprolactam	11.528	113	265648	37.726	ng		100
36) 4-Chloro-3-methylphenol	11.875	107	864986	38.581	ng		98
37) 2-Methylnaphthalene	12.228	142	1864317	39.431	ng		100
38) 1-Methylnaphthalene	12.445	142	1820942	39.535	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1038644	38.420	ng		99
41) Hexachlorocyclopentadiene	12.581	237	364171	35.415	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	705171	39.354	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	746608	38.369	ng	98
46) 1,1'-Biphenyl	13.245	154	2425051	39.896	ng	99
47) 2-Chloronaphthalene	13.287	162	1907780	39.865	ng	98
48) 2-Nitroaniline	13.498	65	527126	40.442	ng	97
49) Acenaphthylene	14.134	152	2940207	39.799	ng	100
50) Dimethylphthalate	13.881	163	2321534	37.602	ng	100
51) 2,6-Dinitrotoluene	13.998	165	493687	38.164	ng	99
52) Acenaphthene	14.481	154	1752336	39.708	ng	99
53) 3-Nitroaniline	14.328	138	515365	37.719	ng	95
54) 2,4-Dinitrophenol	14.551	184	245484	33.342	ng	97
55) Dibenzofuran	14.816	168	2884351	38.904	ng	99
56) 4-Nitrophenol	14.663	139	361834	35.527	ng	98
57) 2,4-Dinitrotoluene	14.792	165	652187	36.667	ng	99
58) Fluorene	15.469	166	2219603	38.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	635530	36.027	ng	96
60) Diethylphthalate	15.251	149	2211178	35.784	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1182079	36.802	ng	96
62) 4-Nitroaniline	15.498	138	516040	35.963	ng	97
63) Azobenzene	15.763	77	2146212	39.927	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	399466	39.660	ng	99
66) n-Nitrosodiphenylamine	15.686	169	1936118	41.768	ng	98
67) 4-Bromophenyl-phenylether	16.369	248	739551	38.584	ng	94
68) Hexachlorobenzene	16.486	284	822658	37.292	ng	97
69) Atrazine	16.645	200	607918	37.301	ng	99
70) Pentachlorophenol	16.839	266	451732	38.308	ng	99
71) Phenanthrene	17.222	178	3335350	39.778	ng	100
72) Anthracene	17.316	178	3289312	39.733	ng	99
73) Carbazole	17.592	167	3086768	38.126	ng	100
74) Di-n-butylphthalate	18.151	149	3305397	34.839	ng	99
75) Fluoranthene	19.204	202	3537998	34.853	ng	99
77) Benzidine	19.392	184	1190880	38.835	ng	99
78) Pyrene	19.557	202	3647619	44.246	ng	100
80) Butylbenzylphthalate	20.445	149	1282238	36.593	ng	95
81) Benzo(a)anthracene	21.280	228	3294914	40.087	ng	100
82) 3,3'-Dichlorobenzidine	21.216	252	1164063	36.660	ng	98
83) Chrysene	21.333	228	3109729	39.955	ng	100
84) Bis(2-ethylhexyl)phtha...	21.216	149	1670707	34.207	ng	100
85) Di-n-octyl phthalate	22.139	149	2733195	32.466	ng	99
87) Indeno(1,2,3-cd)pyrene	26.186	276	4011613	39.986	ng	96
88) Benzo(b)fluoranthene	22.962	252	3137930	39.750	ng	98
89) Benzo(k)fluoranthene	23.010	252	3100326	40.112	ng	98
90) Benzo(a)pyrene	23.586	252	2692799	39.869	ng	98
91) Dibenzo(a,h)anthracene	26.203	278	3316181	39.661	ng	97
92) Benzo(g,h,i)perylene	26.945	276	3342393	40.634	ng	96

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

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