Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
Data File : BP010979.D
Acq On : 15 Jul 2022 11:05
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 13:13:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 13:10:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	392270	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	1495502	20.000	ng		0.00
39) Acenaphthene-d10	14.345	164	911290	20.000	ng		0.00
64) Phenanthrene-d10	17.116	188	1844821	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1839432	20.000	ng	#	0.00
86) Perylene-d12	23.592	264	2020432	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	2052976	90.326	ng		0.00
7) Phenol-d6	6.863	99	2599471	83.629	ng		0.00
23) Nitrobenzene-d5	8.851	82	2271053	71.514	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	916263	73.835	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	4477581	70.683	ng		0.00
79) Terphenyl-d14	19.704	244	7243922	73.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	459574	50.305	ng	#	83
3) Pyridine	3.611	79	1227726	47.528	ng	#	80
4) n-Nitrosodimethylamine	3.522	42	514381	35.686	ng	#	57
6) Aniline	7.022	93	1487635	40.937	ng		91
8) 2-Chlorophenol	7.252	128	1079824	43.756	ng		93
9) Benzaldehyde	6.834	77	646261	34.407	ng		93
10) Phenol	6.893	94	1330843	41.499	ng		83
11) bis(2-Chloroethyl)ether	7.122	93	1048540	42.550	ng		91
12) 1,3-Dichlorobenzene	7.575	146	1184093m	41.915	ng		
13) 1,4-Dichlorobenzene	7.722	146	1196864	41.402	ng		98
14) 1,2-Dichlorobenzene	8.034	146	1119196	40.217	ng		97
15) Benzyl Alcohol	7.934	79	864176	35.048	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.228	45	1434232	34.623	ng		93
17) 2-Methylphenol	8.134	107	872557	40.295	ng	#	93
18) Hexachloroethane	8.757	117	436836	38.941	ng		91
19) n-Nitroso-di-n-propyla...	8.504	70	757197	34.542	ng	#	87
20) 3+4-Methylphenols	8.469	107	1195081	40.207	ng		92
22) Acetophenone	8.516	105	1517536	38.075	ng	#	88
24) Nitrobenzene	8.893	77	1145740	35.735	ng		90
25) Isophorone	9.422	82	1954024	35.955	ng		95
26) 2-Nitrophenol	9.598	139	518036	39.314	ng	#	83
27) 2,4-Dimethylphenol	9.669	122	801190	41.476	ng		91
28) bis(2-Chloroethoxy)met...	9.904	93	1167548	39.889	ng		98
29) 2,4-Dichlorophenol	10.134	162	869630	38.223	ng		98
30) 1,2,4-Trichlorobenzene	10.346	180	939050	35.710	ng		99
31) Naphthalene	10.528	128	3279470	41.094	ng		99
32) Benzoic acid	9.798	122	655384	46.216	ng		87
33) 4-Chloroaniline	10.651	127	1294868	41.309	ng	#	92
34) Hexachlorobutadiene	10.816	225	526909	29.532	ng		98
35) Caprolactam	11.457	113	305073	39.367	ng	#	71
36) 4-Chloro-3-methylphenol	11.787	107	976117	35.940	ng		93
37) 2-Methylnaphthalene	12.151	142	2150268	38.643	ng		97
38) 1-Methylnaphthalene	12.375	142	2088833	38.151	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	913482	32.584	ng		98
41) Hexachlorocyclopentadiene	12.504	237	507791	43.789	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	641092	35.246	ng		98

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44) 2,4,5-Trichlorophenol	12.839	196	707997	34.995	ng		95
46) 1,1'-Biphenyl	13.175	154	2588057	38.508	ng		98
47) 2-Chloronaphthalene	13.216	162	1957345	37.221	ng		98
48) 2-Nitroaniline	13.428	65	642751	32.980	ng		88
49) Acenaphthylene	14.069	152	3507373	42.070	ng		100
50) Dimethylphthalate	13.816	163	2492250	35.975	ng		100
51) 2,6-Dinitrotoluene	13.934	165	525804	35.609	ng		91
52) Acenaphthene	14.416	154	2101213	41.564	ng		98
53) 3-Nitroaniline	14.263	138	677047	44.802	ng		92
54) 2,4-Dinitrophenol	14.469	184	310261	37.521	ng		87
55) Dibenzofuran	14.751	168	3250200	39.991	ng		99
56) 4-Nitrophenol	14.581	139	566732	50.111	ng	#	73
57) 2,4-Dinitrotoluene	14.722	165	786211	38.258	ng	#	88
58) Fluorene	15.404	166	2628849	38.819	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	692506	37.589	ng		97
60) Diethylphthalate	15.192	149	2800388	39.481	ng		98
61) 4-Chlorophenyl-phenyle...	15.404	204	1201411	34.950	ng		99
62) 4-Nitroaniline	15.433	138	695894	44.877	ng	#	80
63) Azobenzene	15.698	77	2619796	36.823	ng		92
65) 4,6-Dinitro-2-methylph...	15.486	198	413198	35.693	ng		90
66) n-Nitrosodiphenylamine	15.622	169	2270716	42.147	ng		98
67) 4-Bromophenyl-phenylether	16.304	248	765518	38.120	ng		97
68) Hexachlorobenzene	16.410	284	906594	39.039	ng		96
69) Atrazine	16.592	200	714442	37.287	ng		97
70) Pentachlorophenol	16.763	266	565816	44.710	ng		95
71) Phenanthrene	17.157	178	4205462	41.460	ng		99
72) Anthracene	17.251	178	4061841	41.413	ng		99
73) Carbazole	17.528	167	3865353	44.156	ng		99
74) Di-n-butylphthalate	18.098	149	5048649	43.972	ng		99
75) Fluoranthene	19.145	202	4888507	40.723	ng		95
77) Benzidine	19.333	184	1145853	31.878	ng		99
78) Pyrene	19.498	202	4998752	40.280	ng		99
80) Butylbenzylphthalate	20.398	149	2308683	43.399	ng		92
81) Benzo(a)anthracene	21.221	228	4998469	40.873	ng		98
82) 3,3'-Dichlorobenzidine	21.163	252	1525373	42.737	ng	#	98
83) Chrysene	21.274	228	4718221	40.404	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	3336318	44.160	ng		99
85) Di-n-octyl phthalate	22.080	149	5841608	46.012	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.039	276	6386399	43.441	ng	#	93
88) Benzo(b)fluoranthene	22.874	252	5218360	41.391	ng	#	97
89) Benzo(k)fluoranthene	22.927	252	5045297	39.264	ng	#	96
90) Benzo(a)pyrene	23.492	252	4356206	41.273	ng	#	96
91) Dibenzo(a,h)anthracene	26.062	278	5323109	43.289	ng	#	96
92) Benzo(g,h,i)perylene	26.798	276	5287581	43.383	ng	#	95

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

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