Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
Data File : BP010642.D
Acq On : 31 May 2022 17:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 05:30:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	149078	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	626075	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	437042	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	950530	20.000	ng		0.00
76) Chrysene-d12	21.345	240	920637	20.000	ng		0.00
86) Perylene-d12	23.757	264	899979	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	660201	80.791	ng		0.00
7) Phenol-d6	7.046	99	994338	85.711	ng		0.00
23) Nitrobenzene-d5	9.028	82	1047284	79.086	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	451228	91.210	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2326232	75.542	ng		0.00
79) Terphenyl-d14	19.816	244	3785124	77.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	118162	34.050	ng		99
3) Pyridine	3.752	79	385391	39.655	ng		96
4) n-Nitrosodimethylamine	3.664	42	211879	35.756	ng		91
6) Aniline	7.193	93	584954	42.857	ng		99
8) 2-Chlorophenol	7.434	128	379150	41.109	ng		99
9) Benzaldehyde	7.005	77	286319m	37.504	ng		
10) Phenol	7.069	94	515688	42.985	ng		96
11) bis(2-Chloroethyl)ether	7.293	93	388564	40.866	ng		97
12) 1,3-Dichlorobenzene	7.758	146	418306	39.135	ng		94
13) 1,4-Dichlorobenzene	7.899	146	431585	39.405	ng		99
14) 1,2-Dichlorobenzene	8.216	146	415122	39.593	ng		99
15) Benzyl Alcohol	8.111	79	418389	44.989	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	662495	37.268	ng		98
17) 2-Methylphenol	8.316	107	347804	43.198	ng		97
18) Hexachloroethane	8.940	117	159865	37.734	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	361676	42.744	ng		95
20) 3+4-Methylphenols	8.646	107	498587	45.049	ng		98
22) Acetophenone	8.693	105	667741	40.897	ng	#	95
24) Nitrobenzene	9.069	77	524581	39.211	ng		96
25) Isophorone	9.599	82	953005	43.080	ng		98
26) 2-Nitrophenol	9.781	139	236830	45.422	ng		96
27) 2,4-Dimethylphenol	9.846	122	332825	42.947	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	496736	40.647	ng		99
29) 2,4-Dichlorophenol	10.322	162	402758	43.231	ng		96
30) 1,2,4-Trichlorobenzene	10.528	180	427491	39.008	ng		99
31) Naphthalene	10.716	128	1330550	40.342	ng		100
32) Benzoic acid	10.022	122	268919	44.090	ng		94
33) 4-Chloroaniline	10.828	127	564779	44.328	ng		99
34) Hexachlorobutadiene	11.004	225	274819	37.143	ng		98
35) Caprolactam	11.634	113	149832	55.716	ng	#	86
36) 4-Chloro-3-methylphenol	11.963	107	491026	46.258	ng		97
37) 2-Methylnaphthalene	12.328	142	949713	41.267	ng		99
38) 1-Methylnaphthalene	12.546	142	932263	41.480	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	503853	37.060	ng		99
41) Hexachlorocyclopentadiene	12.675	237	280092	38.701	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	356285	41.977	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	393996	41.041	ng	98
46) 1,1'-Biphenyl	13.334	154	1250202	38.352	ng	100
47) 2-Chloronaphthalene	13.375	162	983433	38.381	ng	99
48) 2-Nitroaniline	13.587	65	388654	43.764	ng	98
49) Acenaphthylene	14.222	152	1580480	40.158	ng	100
50) Dimethylphthalate	13.963	163	1309338	41.620	ng	100
51) 2,6-Dinitrotoluene	14.081	165	290365	43.402	ng	96
52) Acenaphthene	14.569	154	951465	39.377	ng	98
53) 3-Nitroaniline	14.416	138	312967	47.765	ng	97
54) 2,4-Dinitrophenol	14.622	184	183634	47.430	ng	97
55) Dibenzofuran	14.898	168	1535852	40.196	ng	99
56) 4-Nitrophenol	14.734	139	243271	45.744	ng	92
57) 2,4-Dinitrotoluene	14.875	165	412509	47.369	ng	90
58) Fluorene	15.551	166	1288696	41.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	360042	43.750	ng	99
60) Diethylphthalate	15.328	149	1334576	42.616	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	626160	39.881	ng	97
62) 4-Nitroaniline	15.581	138	335125	48.053	ng	93
63) Azobenzene	15.840	77	1337978	40.453	ng	97
65) 4,6-Dinitro-2-methylph...	15.640	198	256108	42.962	ng	94
66) n-Nitrosodiphenylamine	15.763	169	1107580	38.698	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	397622	38.453	ng	96
68) Hexachlorobenzene	16.563	284	441762	38.677	ng	97
69) Atrazine	16.722	200	406706	43.811	ng	99
70) Pentachlorophenol	16.910	266	271728	41.444	ng	100
71) Phenanthrene	17.298	178	2059645	39.512	ng	100
72) Anthracene	17.392	178	2029316	40.656	ng	100
73) Carbazole	17.663	167	1871048	44.106	ng	99
74) Di-n-butylphthalate	18.210	149	2351582	43.603	ng	99
75) Fluoranthene	19.269	202	2439626	43.090	ng	99
77) Benzidine	19.445	184	868694	49.121	ng	99
78) Pyrene	19.622	202	2471399	38.520	ng	99
80) Butylbenzylphthalate	20.486	149	1105238	43.739	ng	98
81) Benzo(a)anthracene	21.327	228	2451160	40.579	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	723789	43.691	ng	99
83) Chrysene	21.380	228	2311525	39.015	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1526043	42.844	ng	99
85) Di-n-octyl phthalate	22.174	149	2614358	44.044	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	2467201	37.605	ng	99
88) Benzo(b)fluoranthene	23.021	252	2231000	39.373	ng	99
89) Benzo(k)fluoranthene	23.074	252	2313471	40.276	ng	99
90) Benzo(a)pyrene	23.651	252	1900837	40.555	ng	99
91) Dibenzo(a,h)anthracene	26.292	278	2089946	38.086	ng	99
92) Benzo(g,h,i)perylene	27.051	276	2021367	37.053	ng	98

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

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