Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011661.D
Acq On : 09 Sep 2022 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 00:49:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 00:48:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	507899	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1912339	20.000	ng	#	0.00
39) Acenaphthene-d10	14.604	164	1133840	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2284766	20.000	ng		0.00
76) Chrysene-d12	21.439	240	2247956	20.000	ng		0.00
86) Perylene-d12	23.910	264	2360501	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.517	112	2325444	80.976	ng		0.00
7) Phenol-d6	7.117	99	3003778	79.048	ng		0.00
23) Nitrobenzene-d5	9.128	82	2536361	81.414	ng		0.00
42) 2,4,6-Tribromophenol	16.093	330	1189258	92.834	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	6221524	78.466	ng		0.00
79) Terphenyl-d14	19.910	244	8954777	83.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	457065	40.441	ng	#	76
3) Pyridine	3.805	79	1298967m	42.208	ng		
4) n-Nitrosodimethylamine	3.717	42	459059	35.716	ng	#	36
6) Aniline	7.287	93	1694383	38.814	ng	#	88
8) 2-Chlorophenol	7.522	128	1302154	39.655	ng		88
9) Benzaldehyde	7.099	77	772392	34.626	ng		86
10) Phenol	7.146	94	1557072	39.184	ng		80
11) bis(2-Chloroethyl)ether	7.381	93	1192421	38.180	ng		88
12) 1,3-Dichlorobenzene	7.852	146	1472919	39.212	ng	#	90
13) 1,4-Dichlorobenzene	7.999	146	1486889	38.829	ng		96
14) 1,2-Dichlorobenzene	8.316	146	1411865	38.817	ng		96
15) Benzyl Alcohol	8.205	79	991633	39.019	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.499	45	1321094	32.819	ng		87
17) 2-Methylphenol	8.405	107	1033790	39.359	ng	#	91
18) Hexachloroethane	9.052	117	496273	38.490	ng		96
19) n-Nitroso-di-n-propyla...	8.775	70	844771	38.175	ng	#	77
20) 3+4-Methylphenols	8.734	107	1411744	39.659	ng		91
22) Acetophenone	8.793	105	1813888	39.242	ng	#	84
24) Nitrobenzene	9.169	77	1281475	39.833	ng	#	86
25) Isophorone	9.699	82	2209184	39.332	ng	#	93
26) 2-Nitrophenol	9.887	139	612533	43.863	ng	#	77
27) 2,4-Dimethylphenol	9.940	122	998322	40.992	ng		88
28) bis(2-Chloroethoxy)met...	10.187	93	1370743	39.014	ng		98
29) 2,4-Dichlorophenol	10.416	162	1174549	41.359	ng		94
30) 1,2,4-Trichlorobenzene	10.634	180	1318152	39.555	ng		98
31) Naphthalene	10.828	128	4035460	39.461	ng		99
32) Benzoic acid	10.063	122	755141	46.068	ng	#	83
33) 4-Chloroaniline	10.934	127	1617072	40.083	ng	#	90
34) Hexachlorobutadiene	11.116	225	789682	39.827	ng		98
35) Caprolactam	11.722	113	338960	41.424	ng	#	59
36) 4-Chloro-3-methylphenol	12.052	107	1150389	41.111	ng		87
37) 2-Methylnaphthalene	12.434	142	2765196	39.719	ng		96
38) 1-Methylnaphthalene	12.652	142	2686742	39.620	ng		99
40) 1,2,4,5-Tetrachloroben...	12.799	216	1421402	39.914	ng		98
41) Hexachlorocyclopentadiene	12.781	237	733513	43.569	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	930734	43.673	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1035350	42.558	ng		94
46) 1,1'-Biphenyl	13.440	154	3440398	39.503	ng		99
47) 2-Chloronaphthalene	13.481	162	2690498	39.743	ng		97
48) 2-Nitroaniline	13.681	65	673913	39.137	ng	#	74
49) Acenaphthylene	14.328	152	4153940	39.993	ng		99
50) Dimethylphthalate	14.063	163	3274123	39.663	ng		100
51) 2,6-Dinitrotoluene	14.175	165	690377	43.271	ng	#	78
52) Acenaphthene	14.669	154	2731669m	40.623	ng		
53) 3-Nitroaniline	14.504	138	768706	43.440	ng		84
54) 2,4-Dinitrophenol	14.704	184	311229	49.988	ng	#	82
55) Dibenzofuran	15.004	168	4018496	39.663	ng		96
56) 4-Nitrophenol	14.804	139	630268	44.278	ng	#	66
57) 2,4-Dinitrotoluene	14.963	165	906253	40.290	ng	#	76
58) Fluorene	15.651	166	3293080	39.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	905198	44.087	ng		95
60) Diethylphthalate	15.428	149	3185348	39.685	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	1618091	39.558	ng		93
62) 4-Nitroaniline	15.669	138	800349	40.759	ng	#	77
63) Azobenzene	15.940	77	2776414	38.906	ng		86
65) 4,6-Dinitro-2-methylph...	15.722	198	454209	46.003	ng	#	81
66) n-Nitrosodiphenylamine	15.863	169	2753280	39.617	ng		97
67) 4-Bromophenyl-phenylether	16.545	248	1022448	41.175	ng		93
68) Hexachlorobenzene	16.657	284	1196639	40.838	ng		90
69) Atrazine	16.816	200	889382	43.049	ng		99
70) Pentachlorophenol	17.004	266	735147	46.150	ng		100
71) Phenanthrene	17.404	178	5018740	39.367	ng		98
72) Anthracene	17.492	178	4891480	40.502	ng		98
73) Carbazole	17.763	167	4510797	40.369	ng		99
74) Di-n-butylphthalate	18.310	149	5316667	42.150	ng		98
75) Fluoranthene	19.363	202	5730192	40.772	ng		98
77) Benzidine	19.539	184	2389252	55.606	ng		99
78) Pyrene	19.716	202	5964109	39.915	ng		98
80) Butylbenzylphthalate	20.586	149	2406978	40.855	ng		89
81) Benzo(a)anthracene	21.428	228	5881147	39.855	ng		97
82) 3,3'-Dichlorobenzidine	21.351	252	2184892	45.388	ng		99
83) Chrysene	21.480	228	5594291	40.066	ng		98
84) Bis(2-ethylhexyl)phtha...	21.351	149	3429558	39.338	ng		97
85) Di-n-octyl phthalate	22.304	149	5691695	42.059	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.504	276	7259162	40.415	ng		99
88) Benzo(b)fluoranthene	23.157	252	5822651	39.319	ng		99
89) Benzo(k)fluoranthene	23.210	252	5866268	38.400	ng		99
90) Benzo(a)pyrene	23.804	252	4892230	39.983	ng		99
91) Dibenzo(a,h)anthracene	26.521	278	6074629	40.315	ng		100
92) Benzo(g,h,i)perylene	27.298	276	5866716	40.499	ng		99

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

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