Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
Data File : BP012684.D
Acq On : 21 Nov 2022 13:56
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 21 23:03:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:44:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	262896	20.000	ng		0.00
21) Naphthalene-d8	10.852	136	1151797	20.000	ng		0.00
39) Acenaphthene-d10	14.669	164	766587	20.000	ng		0.00
64) Phenanthrene-d10	17.422	188	1740764	20.000	ng		0.00
76) Chrysene-d12	21.510	240	1936955	20.000	ng		0.00
86) Perylene-d12	24.033	264	1927592	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	508852	34.980	ng		0.00
7) Phenol-d6	7.175	99	720880	35.583	ng		0.00
23) Nitrobenzene-d5	9.199	82	813055	44.383	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	287157	32.733	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	2211338	43.404	ng		0.00
79) Terphenyl-d14	19.969	244	3833074	42.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	107244	18.357	ng		99
3) Pyridine	3.846	79	335909	18.214	ng		99
4) n-Nitrosodimethylamine	3.758	42	145109	18.425	ng	#	95
6) Aniline	7.352	93	445529	17.457	ng		99
8) 2-Chlorophenol	7.593	128	324052	18.041	ng		99
9) Benzaldehyde	7.164	77	244375	20.683	ng		98
10) Phenol	7.205	94	409074	17.923	ng		99
11) bis(2-Chloroethyl)ether	7.452	93	351549	19.336	ng		99
12) 1,3-Dichlorobenzene	7.922	146	398767	20.004	ng		99
13) 1,4-Dichlorobenzene	8.069	146	406340	19.991	ng		98
14) 1,2-Dichlorobenzene	8.393	146	401622	20.589	ng		100
15) Benzyl Alcohol	8.269	79	240565	15.937	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	522750	20.378	ng		99
17) 2-Methylphenol	8.469	107	280446	17.719	ng		98
18) Hexachloroethane	9.128	117	147827	21.763	ng		99
19) n-Nitroso-di-n-propyla...	8.846	70	256605	18.635	ng		98
20) 3+4-Methylphenols	8.799	107	381152	17.190	ng		99
22) Acetophenone	8.858	105	572645	19.917	ng		99
24) Nitrobenzene	9.240	77	422505	21.359	ng		97
25) Isophorone	9.769	82	768091	18.640	ng		100
26) 2-Nitrophenol	9.957	139	111649	13.016	ng		98
27) 2,4-Dimethylphenol	10.010	122	260935	16.119	ng		99
28) bis(2-Chloroethoxy)met...	10.257	93	440250	18.784	ng		99
29) 2,4-Dichlorophenol	10.487	162	325737	17.313	ng		99
30) 1,2,4-Trichlorobenzene	10.716	180	411700	20.385	ng		100
31) Naphthalene	10.904	128	1262812	19.943	ng		99
32) Benzoic acid	10.099	122	92621	7.308	ng		95
33) 4-Chloroaniline	11.010	127	444074	16.833	ng		99
34) Hexachlorobutadiene	11.193	225	256981	21.537	ng		98
35) Caprolactam	11.769	113	82206	13.418	ng		98
36) 4-Chloro-3-methylphenol	12.116	107	348602	17.260	ng		99
37) 2-Methylnaphthalene	12.504	142	896506	19.798	ng		99
38) 1-Methylnaphthalene	12.722	142	888351	19.964	ng		98
40) 1,2,4,5-Tetrachloroben...	12.863	216	473896	21.195	ng		99
41) Hexachlorocyclopentadiene	12.851	237	213586	25.116	ng		98
43) 2,4,6-Trichlorophenol	13.099	196	275617	17.315	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	334316	18.982	ng		99
46) 1,1'-Biphenyl	13.504	154	1168760	20.389	ng		99
47) 2-Chloronaphthalene	13.546	162	934658	20.533	ng		99
48) 2-Nitroaniline	13.746	65	173457	19.041	ng		99
49) Acenaphthylene	14.393	152	1497351	20.156	ng		99
50) Dimethylphthalate	14.122	163	1155849	19.142	ng		100
51) 2,6-Dinitrotoluene	14.240	165	228788	21.607	ng		99
52) Acenaphthene	14.734	154	936966	19.762	ng		99
53) 3-Nitroaniline	14.563	138	231924	19.127	ng		95
54) 2,4-Dinitrophenol	14.769	184	70743	12.032	ng		92
55) Dibenzofuran	15.069	168	1475642	20.618	ng		99
56) 4-Nitrophenol	14.851	139	185492	16.342	ng		97
57) 2,4-Dinitrotoluene	15.022	165	300788	21.356	ng		95
58) Fluorene	15.716	166	1231939	21.869	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.287	232	298379	18.819	ng		98
60) Diethylphthalate	15.487	149	1091859	18.383	ng		99
61) 4-Chlorophenyl-phenyle...	15.710	204	596893	22.044	ng		98
62) 4-Nitroaniline	15.728	138	215170	18.139	ng		99
63) Azobenzene	16.004	77	1184837	21.834	ng		97
65) 4,6-Dinitro-2-methylph...	15.781	198	110799	12.961	ng		99
66) n-Nitrosodiphenylamine	15.922	169	983237	18.953	ng		100
67) 4-Bromophenyl-phenylether	16.610	248	332186	18.250	ng		99
68) Hexachlorobenzene	16.722	284	427068	20.231	ng		99
69) Atrazine	16.875	200	214400	15.685	ng		98
70) Pentachlorophenol	17.063	266	233907	17.072	ng		99
71) Phenanthrene	17.463	178	2028423	20.543	ng		100
72) Anthracene	17.557	178	1923165	20.188	ng		99
73) Carbazole	17.822	167	1751103	19.355	ng		99
74) Di-n-butylphthalate	18.375	149	1437416	15.239	ng		99
75) Fluoranthene	19.422	202	2426669	20.744	ng		99
77) Benzidine	19.598	184	128899m	4.841	ng		
78) Pyrene	19.775	202	2531606	18.495	ng		99
80) Butylbenzylphthalate	20.651	149	228086	9.232	ng		98
81) Benzo(a)anthracene	21.492	228	2665490	19.629	ng		99
82) 3,3'-Dichlorobenzidine	21.422	252	390214	11.417	ng		100
83) Chrysene	21.551	228	2570981	19.966	ng		98
84) Bis(2-ethylhexyl)phtha...	21.416	149	421194	9.407	ng		97
85) Di-n-octyl phthalate	22.392	149	812682	8.580	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.686	276	2944502	20.982	ng		99
88) Benzo(b)fluoranthene	23.257	252	2545083	19.944	ng		99
89) Benzo(k)fluoranthene	23.310	252	2586972	20.402	ng		100
90) Benzo(a)pyrene	23.921	252	2035756	19.223	ng		99
91) Dibenzo(a,h)anthracene	26.710	278	2501193	21.554	ng		99
92) Benzo(g,h,i)perylene	27.498	276	2343446	20.792	ng		100

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

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