Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009043.D
Acq On : 07 Feb 2022 12:53
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 07 13:35:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 13:09:18 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :Yogesh Patel 02/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	227409	20.000	ng		0.00
21) Naphthalene-d8	10.605	136	847958	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	531667	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	964941	20.000	ng		0.00
76) Chrysene-d12	21.298	240	743454	20.000	ng		0.00
86) Perylene-d12	23.692	264	823256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1269249	98.141	ng		0.00
7) Phenol-d6	6.993	99	1669867	98.533	ng		0.00
23) Nitrobenzene-d5	8.969	82	1503298	99.344	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	678010	93.061	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	3790722	99.534	ng		0.00
79) Terphenyl-d14	19.769	244	4094669	100.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	199470	46.666	ng		97
3) Pyridine	3.705	79	565474	44.557	ng		96
4) n-Nitrosodimethylamine	3.617	42	211018	44.765	ng	#	92
6) Aniline	7.134	93	941732	48.859	ng		97
8) 2-Chlorophenol	7.375	128	700192	48.092	ng		98
9) Benzaldehyde	6.952	77	382095m	47.032	ng		
10) Phenol	7.017	94	834452	49.098	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	642375	48.855	ng		98
12) 1,3-Dichlorobenzene	7.693	146	804326	48.234	ng		98
13) 1,4-Dichlorobenzene	7.840	146	818824	47.939	ng		98
14) 1,2-Dichlorobenzene	8.158	146	789538	47.880	ng		99
15) Benzyl Alcohol	8.058	79	558124	51.266	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	711593	48.771	ng		99
17) 2-Methylphenol	8.264	107	558580	49.007	ng		97
18) Hexachloroethane	8.881	117	273509	48.550	ng		98
19) n-Nitroso-di-n-propyla...	8.622	70	478508	48.907	ng		96
20) 3+4-Methylphenols	8.593	107	771809	49.231	ng		99
22) Acetophenone	8.634	105	994906	49.298	ng	#	96
24) Nitrobenzene	9.011	77	714160	49.973	ng		95
25) Isophorone	9.546	82	1248290	49.287	ng		98
26) 2-Nitrophenol	9.722	139	388937	51.442	ng		94
27) 2,4-Dimethylphenol	9.793	122	551809	49.446	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	834775	49.447	ng		99
29) 2,4-Dichlorophenol	10.263	162	700846	50.338	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	797277	49.406	ng		100
31) Naphthalene	10.658	128	2107201	48.495	ng		100
32) Benzoic acid	9.993	122	460764	52.004	ng		96
33) 4-Chloroaniline	10.775	127	877358	49.339	ng		99
34) Hexachlorobutadiene	10.940	225	486967	49.103	ng		99
35) Caprolactam	11.581	113	197949	47.389	ng		92
36) 4-Chloro-3-methylphenol	11.916	107	649433	48.912	ng		99
37) 2-Methylnaphthalene	12.269	142	1494396	48.563	ng		98
38) 1-Methylnaphthalene	12.487	142	1454153	48.242	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	862447	50.859	ng		99
41) Hexachlorocyclopentadiene	12.616	237	291578	67.195	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	590339	51.670	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	629362	51.257	ng		98
46) 1,1'-Biphenyl	13.281	154	1955610	49.977	ng		100
47) 2-Chloronaphthalene	13.328	162	1556975	49.823	ng		99
48) 2-Nitroaniline	13.534	65	377583	51.039	ng		93
49) Acenaphthylene	14.169	152	2344403	49.534	ng		100
50) Dimethylphthalate	13.916	163	1818964	47.445	ng		100
51) 2,6-Dinitrotoluene	14.034	165	394301	49.492	ng		94
52) Acenaphthene	14.516	154	1403347	49.113	ng		99
53) 3-Nitroaniline	14.363	138	406802	48.730	ng		96
54) 2,4-Dinitrophenol	14.587	184	211523	48.217	ng		96
55) Dibenzofuran	14.851	168	2333570	48.460	ng		98
56) 4-Nitrophenol	14.698	139	291842	47.295	ng		93
57) 2,4-Dinitrotoluene	14.828	165	507837	48.107	ng	#	88
58) Fluorene	15.504	166	1774299	47.654	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	516402m	48.087	ng		
60) Diethylphthalate	15.275	149	1669027	46.392	ng		99
61) 4-Chlorophenyl-phenyle...	15.493	204	958306	47.651	ng		98
62) 4-Nitroaniline	15.534	138	395149	46.587	ng		92
63) Azobenzene	15.787	77	1505879	48.646	ng		94
65) 4,6-Dinitro-2-methylph...	15.598	198	312221	51.808	ng		94
66) n-Nitrosodiphenylamine	15.710	169	1532509	52.199	ng		100
67) 4-Bromophenyl-phenylether	16.392	248	589728	52.787	ng		98
68) Hexachlorobenzene	16.516	284	641196	51.184	ng		98
69) Atrazine	16.675	200	477523	48.640	ng		98
70) Pentachlorophenol	16.863	266	349639	52.063	ng		99
71) Phenanthrene	17.245	178	2603030	49.614	ng		99
72) Anthracene	17.340	178	2582191	50.408	ng		99
73) Carbazole	17.616	167	2358400	47.833	ng		99
74) Di-n-butylphthalate	18.163	149	2379684	47.247	ng		99
75) Fluoranthene	19.222	202	2672509	45.763	ng		96
77) Benzidine	19.404	184	623407	38.749	ng		98
78) Pyrene	19.575	202	2710411	52.197	ng		97
80) Butylbenzylphthalate	20.445	149	889780	48.781	ng		100
81) Benzo(a)anthracene	21.280	228	2412465	49.878	ng		98
82) 3,3'-Dichlorobenzidine	21.216	252	852433	48.222	ng		97
83) Chrysene	21.333	228	2303437	49.468	ng		97
84) Bis(2-ethylhexyl)phtha...	21.210	149	1152355	47.386	ng		97
85) Di-n-octyl phthalate	22.127	149	1878541	46.419	ng		100
87) Indeno(1,2,3-cd)pyrene	26.192	276	3380405	54.829	ng		97
88) Benzo(b)fluoranthene	22.963	252	2417858	48.829	ng		99
89) Benzo(k)fluoranthene	23.010	252	2430161	48.146	ng		98
90) Benzo(a)pyrene	23.586	252	2122229	49.903	ng		99
91) Dibenzo(a,h)anthracene	26.204	278	2769818	54.613	ng		98
92) Benzo(g,h,i)perylene	26.957	276	2756615	54.377	ng		97

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

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