Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
Data File : BP008599.D
Acq On : 29 Dec 2021 18:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 00:44:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 13:29:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	762637	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	2829890	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	1749305	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	3361692	20.000	ng		0.00
76) Chrysene-d12	21.351	240	3309139	20.000	ng		-0.01
86) Perylene-d12	23.774	264	3801312	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2379405	56.948	ng		0.00
7) Phenol-d6	7.057	99	2865155	49.266	ng		0.00
23) Nitrobenzene-d5	9.051	82	2423978	50.956	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	1107854	46.809	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	6472152	55.892	ng		0.00
79) Terphenyl-d14	19.827	244	8599668	50.592	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	463262	27.446	ng		99
3) Pyridine	3.769	79	1228912	26.690	ng		99
4) n-Nitrosodimethylamine	3.681	42	381459	25.658	ng		96
6) Aniline	7.216	93	1609053	23.805	ng		100
8) 2-Chlorophenol	7.457	128	1265290	25.708	ng		100
9) Benzaldehyde	7.028	77	883659	25.590	ng		99
10) Phenol	7.081	94	1452643	24.742	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	1118142	23.614	ng		99
12) 1,3-Dichlorobenzene	7.787	146	1443563	25.057	ng		99
13) 1,4-Dichlorobenzene	7.928	146	1467098	25.036	ng		99
14) 1,2-Dichlorobenzene	8.252	146	1401269	24.477	ng		99
15) Benzyl Alcohol	8.128	79	955225	22.931	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1201902	22.306	ng		100
17) 2-Methylphenol	8.334	107	955200	23.380	ng		99
18) Hexachloroethane	8.981	117	471834	24.697	ng		98
19) n-Nitroso-di-n-propyla...	8.704	70	782114	21.059	ng		98
20) 3+4-Methylphenols	8.663	107	1330038	23.172	ng		99
22) Acetophenone	8.716	105	1682205	24.790	ng	#	98
24) Nitrobenzene	9.093	77	1151598	25.418	ng		99
25) Isophorone	9.622	82	2029793	22.841	ng		99
26) 2-Nitrophenol	9.804	139	591812	27.503	ng		99
27) 2,4-Dimethylphenol	9.869	122	963379	24.811	ng		99
28) bis(2-Chloroethoxy)met...	10.104	93	1439408	23.395	ng		100
29) 2,4-Dichlorophenol	10.340	162	1221743	25.998	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	1396138	25.194	ng		99
31) Naphthalene	10.746	128	3640890	24.788	ng		100
32) Benzoic acid	9.869	122	963379	39.471	ng	#	14
33) 4-Chloroaniline	10.846	127	1482156	23.532	ng		99
34) Hexachlorobutadiene	11.046	225	853501	25.370	ng		99
35) Caprolactam	11.616	113	314775	20.385	ng		99
36) 4-Chloro-3-methylphenol	11.975	107	1074255	22.868	ng		99
37) 2-Methylnaphthalene	12.351	142	2566646	23.215	ng		100
38) 1-Methylnaphthalene	12.575	142	2464659	22.801	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	1486088	26.966	ng		99
41) Hexachlorocyclopentadiene	12.710	237	702964	23.987	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	979559	27.319	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1069429	27.012	ng		99
46) 1,1'-Biphenyl	13.363	154	3330650	25.742	ng		100
47) 2-Chloronaphthalene	13.398	162	2631450	25.950	ng		99
48) 2-Nitroaniline	13.598	65	545559	24.543	ng		98
49) Acenaphthylene	14.245	152	3911186	25.111	ng		99
50) Dimethylphthalate	13.981	163	3087231	22.914	ng		100
51) 2,6-Dinitrotoluene	14.092	165	645927	23.363	ng		100
52) Acenaphthene	14.586	154	2353600	23.096	ng		99
53) 3-Nitroaniline	14.416	138	663326	23.052	ng		99
54) 2,4-Dinitrophenol	14.622	184	13343	1.050	ng	#	64
55) Dibenzofuran	14.922	168	3938944	24.110	ng		100
56) 4-Nitrophenol	14.722	139	467811	20.646	ng		99
57) 2,4-Dinitrotoluene	14.875	165	802317	21.749	ng		95
58) Fluorene	15.569	166	3008258	23.629	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	834144m	23.510	ng		
60) Diethylphthalate	15.351	149	2877768	21.851	ng		99
61) 4-Chlorophenyl-phenyle...	15.569	204	1658637	23.387	ng		99
62) 4-Nitroaniline	15.581	138	649012	22.209	ng		99
63) Azobenzene	15.863	77	2425190	22.816	ng		99
65) 4,6-Dinitro-2-methylph...	15.645	198	87564	5.180	ng		99
66) n-Nitrosodiphenylamine	15.781	169	2620772	25.832	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	904554	24.591	ng		99
68) Hexachlorobenzene	16.581	284	1124406	24.902	ng		99
69) Atrazine	16.733	200	907142	23.903	ng		100
70) Pentachlorophenol	16.922	266	726654	29.547	ng		99
71) Phenanthrene	17.316	178	4530539	24.997	ng		99
72) Anthracene	17.404	178	4450427	25.201	ng		99
73) Carbazole	17.675	167	4244552	24.488	ng		99
74) Di-n-butylphthalate	18.233	149	4692329	24.745	ng		99
75) Fluoranthene	19.274	202	5110487	23.359	ng		98
77) Benzidine	19.451	184	2781791	29.361	ng		99
78) Pyrene	19.627	202	5256013	24.415	ng		98
80) Butylbenzylphthalate	20.504	149	2049706	23.871	ng		98
81) Benzo(a)anthracene	21.339	228	5386386	25.091	ng		97
82) 3,3'-Dichlorobenzidine	21.269	252	2083725	26.398	ng		99
83) Chrysene	21.392	228	5117647	25.493	ng		97
84) Bis(2-ethylhexyl)phtha...	21.274	149	3241296	24.989	ng		98
85) Di-n-octyl phthalate	22.204	149	5420865	27.000	ng		100
87) Indeno(1,2,3-cd)pyrene	26.304	276	7045028	27.591	ng		100
88) Benzo(b)fluoranthene	23.039	252	5549077	22.699	ng		99
89) Benzo(k)fluoranthene	23.086	252	5543275	22.810	ng		99
90) Benzo(a)pyrene	23.668	252	4707440	23.886	ng		99
91) Dibenzo(a,h)anthracene	26.321	278	5891043	27.349	ng		99
92) Benzo(g,h,i)perylene	27.074	276	5661238	28.107	ng		99

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

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