Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008601.D
Acq On : 30 Dec 2021 09:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 30 14:05:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	587467	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	2349918	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	1680725	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	3724924	20.000	ng	0.00
76) Chrysene-d12	21.357	240	3828577	20.000	ng	0.00
86) Perylene-d12	23.780	264	3783700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2650366	82.347	ng	0.00
7) Phenol-d6	7.057	99	3625669	80.932	ng	0.00
23) Nitrobenzene-d5	9.051	82	3293053	83.364	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1948871	85.704	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	9364315	80.722	ng	0.00
79) Terphenyl-d14	19.827	244	13561136	72.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	512827	39.442	ng	99
3) Pyridine	3.769	79	1468081	41.392	ng	100
4) n-Nitrosodimethylamine	3.681	42	464063	40.521	ng	99
6) Aniline	7.216	93	2094159	40.220	ng	99
8) 2-Chlorophenol	7.457	128	1528742	40.323	ng	99
9) Benzaldehyde	7.028	77	1066228	41.818	ng	100
10) Phenol	7.081	94	1821077	40.266	ng	99
11) bis(2-Chloroethyl)ether	7.316	93	1442183	39.538	ng	100
12) 1,3-Dichlorobenzene	7.787	146	1752219	39.484	ng	100
13) 1,4-Dichlorobenzene	7.928	146	1798679	39.847	ng	99
14) 1,2-Dichlorobenzene	8.251	146	1730661	39.245	ng	99
15) Benzyl Alcohol	8.134	79	1298211	40.457	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1571522	37.863	ng	99
17) 2-Methylphenol	8.334	107	1263305	40.141	ng	100
18) Hexachloroethane	8.981	117	586871	39.878	ng	98
19) n-Nitroso-di-n-propyla...	8.704	70	1105351	38.637	ng	99
20) 3+4-Methylphenols	8.663	107	1782864	40.323	ng	99
22) Acetophenone	8.716	105	2288593	40.614	ng	99
24) Nitrobenzene	9.093	77	1552977	41.279	ng	99
25) Isophorone	9.622	82	3008592	40.771	ng	100
26) 2-Nitrophenol	9.804	139	807937	45.216	ng	98
27) 2,4-Dimethylphenol	9.869	122	1340370	41.571	ng	97
28) bis(2-Chloroethoxy)met...	10.110	93	2050065	40.126	ng	99
29) 2,4-Dichlorophenol	10.340	162	1655830	42.431	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	1875182	40.750	ng	99
31) Naphthalene	10.745	128	4956932	40.640	ng	100
32) Benzoic acid	10.010	122	935746	45.948	ng	98
33) 4-Chloroaniline	10.851	127	2153608	41.177	ng	99
34) Hexachlorobutadiene	11.045	225	1131849	40.516	ng	99
35) Caprolactam	11.634	113	558409	43.534	ng	99
36) 4-Chloro-3-methylphenol	11.975	107	1630490	41.799	ng	98
37) 2-Methylnaphthalene	12.357	142	3711023	40.421	ng	99
38) 1-Methylnaphthalene	12.575	142	3606709	40.181	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	2153104	40.663	ng	100
41) Hexachlorocyclopentadiene	12.710	237	1157547	41.111	ng	100
43) 2,4,6-Trichlorophenol	12.963	196	1471578	42.716	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1619647	42.579	ng	98
46) 1,1'-Biphenyl	13.363	154	4982698	40.081	ng	100
47) 2-Chloronaphthalene	13.404	162	3923729	40.273	ng	99
48) 2-Nitroaniline	13.598	65	929032	43.499	ng	97
49) Acenaphthylene	14.251	152	6136009	41.002	ng	100
50) Dimethylphthalate	13.986	163	5197824	40.153	ng	100
51) 2,6-Dinitrotoluene	14.098	165	1126854	42.422	ng	97
52) Acenaphthene	14.592	154	3979500	40.642	ng	99
53) 3-Nitroaniline	14.422	138	1200445	43.421	ng	100
54) 2,4-Dinitrophenol	14.628	184	535881	45.294	ng	98
55) Dibenzofuran	14.928	168	6285947	40.045	ng	99
56) 4-Nitrophenol	14.728	139	985553	45.269	ng	98
57) 2,4-Dinitrotoluene	14.880	165	1540705	43.470	ng	97
58) Fluorene	15.575	166	4931974	40.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1468653m	43.097	ng	
60) Diethylphthalate	15.351	149	5079153	40.140	ng	100
61) 4-Chlorophenyl-phenyle...	15.569	204	2718617	39.897	ng	99
62) 4-Nitroaniline	15.586	138	1224418	43.608	ng	99
63) Azobenzene	15.863	77	4089159	40.040	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	840441	44.870	ng	98
66) n-Nitrosodiphenylamine	15.780	169	4502061	40.047	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	1568536	38.484	ng	99
68) Hexachlorobenzene	16.586	284	2015667	40.287	ng	98
69) Atrazine	16.739	200	1732888	41.209	ng	100
70) Pentachlorophenol	16.927	266	1647594	60.461	ng	99
71) Phenanthrene	17.316	178	8144942	40.558	ng	100
72) Anthracene	17.410	178	8014609	40.958	ng	99
73) Carbazole	17.674	167	8045943	41.893	ng	100
74) Di-n-butylphthalate	18.233	149	8830614	42.026	ng	100
75) Fluoranthene	19.280	202	9813287	42.482	ng	99
77) Benzidine	19.451	184	5018087	43.627	ng	99
78) Pyrene	19.633	202	10085468	40.492	ng	100
80) Butylbenzylphthalate	20.510	149	4151930	41.793	ng	97
81) Benzo(a)anthracene	21.339	228	10093851	40.639	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	4018794	44.005	ng	98
83) Chrysene	21.392	228	9474237	40.793	ng	100
84) Bis(2-ethylhexyl)phtha...	21.274	149	5913022	39.402	ng	100
85) Di-n-octyl phthalate	22.209	149	10012778	43.104	ng	100
87) Indeno(1,2,3-cd)pyrene	26.309	276	10077053	39.649	ng	100
88) Benzo(b)fluoranthene	23.045	252	10042008	41.269	ng	100
89) Benzo(k)fluoranthene	23.092	252	9590590	39.647	ng	100
90) Benzo(a)pyrene	23.674	252	8138269	41.487	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	8468844	39.499	ng	100
92) Benzo(g,h,i)perylene	27.086	276	7782224	38.817	ng	99

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

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