Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011779.D
Acq On : 23 Sep 2022 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 24 01:32:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	275587	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1325602	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	845956	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1807488	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1850368	20.000	ng	0.00
86) Perylene-d12	23.851	264	1882560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1274950	81.173	ng	0.00
7) Phenol-d6	7.075	99	1957418	84.285	ng	0.00
23) Nitrobenzene-d5	9.087	82	2105443	83.132	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	487044	85.503	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	4477130	83.693	ng	0.00
79) Terphenyl-d14	19.875	244	6651300	82.652	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	265322	40.177	ng	100
3) Pyridine	3.764	79	946072	46.420	ng	99
4) n-Nitrosodimethylamine	3.670	42	367635	40.790	ng	99
6) Aniline	7.240	93	1243132	43.030	ng	99
8) 2-Chlorophenol	7.475	128	794313	41.567	ng	100
9) Benzaldehyde	7.052	77	606523	41.744	ng	99
10) Phenol	7.105	94	1105228	42.249	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	861726	41.614	ng	99
12) 1,3-Dichlorobenzene	7.805	146	810625	40.370	ng	100
13) 1,4-Dichlorobenzene	7.952	146	839341	40.792	ng	99
14) 1,2-Dichlorobenzene	8.269	146	817672	40.619	ng	98
15) Benzyl Alcohol	8.158	79	742585	43.277	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1444954	42.245	ng	99
17) 2-Methylphenol	8.358	107	730976	42.631	ng	99
18) Hexachloroethane	9.005	117	317825	40.344	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	754608	44.198	ng	99
20) 3+4-Methylphenols	8.693	107	1044468	43.385	ng	97
22) Acetophenone	8.746	105	1382002	41.504	ng	99
24) Nitrobenzene	9.128	77	1079769	41.263	ng	99
25) Isophorone	9.657	82	2017333	42.458	ng	99
26) 2-Nitrophenol	9.840	139	392260	37.873	ng	98
27) 2,4-Dimethylphenol	9.899	122	711775	42.416	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	1161314	41.941	ng	99
29) 2,4-Dichlorophenol	10.375	162	763883	42.545	ng	100
30) 1,2,4-Trichlorobenzene	10.593	180	762524	40.786	ng	98
31) Naphthalene	10.781	128	2877177	40.940	ng	99
32) Benzoic acid	10.034	122	533196	38.642	ng	99
33) 4-Chloroaniline	10.893	127	1260899	43.033	ng	99
34) Hexachlorobutadiene	11.063	225	374145	39.678	ng	96
35) Caprolactam	11.693	113	323172	44.288	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	948921	43.546	ng	100
37) 2-Methylnaphthalene	12.387	142	2036008	41.951	ng	100
38) 1-Methylnaphthalene	12.604	142	2006902	41.991	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	779179	40.869	ng	99
41) Hexachlorocyclopentadiene	12.734	237	382008	40.856	ng	97
43) 2,4,6-Trichlorophenol	12.993	196	583897	42.310	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	672947	42.425	ng	99
46) 1,1'-Biphenyl	13.398	154	2526425	41.105	ng	98
47) 2-Chloronaphthalene	13.440	162	1957850	41.067	ng	98
48) 2-Nitroaniline	13.645	65	742723	43.695	ng	98
49) Acenaphthylene	14.287	152	3333962	42.131	ng	100
50) Dimethylphthalate	14.022	163	2601224	41.937	ng	100
51) 2,6-Dinitrotoluene	14.140	165	558320	43.597	ng	96
52) Acenaphthene	14.628	154	2022127	41.665	ng	99
53) 3-Nitroaniline	14.469	138	706998	45.075	ng	99
54) 2,4-Dinitrophenol	14.669	184	245617	39.987	ng	98
55) Dibenzofuran	14.963	168	3131045	42.091	ng	99
56) 4-Nitrophenol	14.769	139	568875	43.675	ng	99
57) 2,4-Dinitrotoluene	14.928	165	778856	41.318	ng	98
58) Fluorene	15.610	166	2707056	42.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	552431m	42.655	ng	
60) Diethylphthalate	15.387	149	2769807	42.767	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	1132274	42.913	ng	99
62) 4-Nitroaniline	15.639	138	773508	42.468	ng	99
63) Azobenzene	15.898	77	3017533	42.551	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	345734	38.943	ng	96
66) n-Nitrosodiphenylamine	15.822	169	2223177	41.279	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	617997	41.692	ng	97
68) Hexachlorobenzene	16.616	284	647934	41.140	ng	92
69) Atrazine	16.781	200	668707	42.877	ng	99
70) Pentachlorophenol	16.963	266	417608	39.220	ng	100
71) Phenanthrene	17.363	178	4215215	41.348	ng	100
72) Anthracene	17.451	178	4102449	42.074	ng	100
73) Carbazole	17.722	167	4074526	42.668	ng	99
74) Di-n-butylphthalate	18.275	149	5026785	43.701	ng	100
75) Fluoranthene	19.328	202	4860729	43.859	ng	99
77) Benzidine	19.510	184	1588793	44.241	ng	99
78) Pyrene	19.680	202	5100151	41.249	ng	100
80) Butylbenzylphthalate	20.551	149	2302979	38.835	ng	95
81) Benzo(a)anthracene	21.386	228	5108621	41.844	ng	100
82) 3,3'-Dichlorobenzidine	21.322	252	1533451	43.068	ng	98
83) Chrysene	21.445	228	4825415	41.713	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	3598638	40.989	ng	100
85) Di-n-octyl phthalate	22.251	149	6023954	42.700	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	6264514	42.527	ng	100
88) Benzo(b)fluoranthene	23.104	252	4892923	41.862	ng	99
89) Benzo(k)fluoranthene	23.157	252	5085382	42.461	ng	100
90) Benzo(a)pyrene	23.745	252	4228964	42.764	ng	100
91) Dibenzo(a,h)anthracene	26.439	278	5244037	42.878	ng	100
92) Benzo(g,h,i)perylene	27.209	276	4990293	42.151	ng	100

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

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