Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
Data File : BP011806.D
Acq On : 26 Sep 2022 20:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 03:23:30 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 :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	187490	20.000	ng		-0.01
21) Naphthalene-d8	10.722	136	931676	20.000	ng		-0.01
39) Acenaphthene-d10	14.557	164	656387	20.000	ng		-0.01
64) Phenanthrene-d10	17.310	188	1494785	20.000	ng		-0.01
76) Chrysene-d12	21.398	240	1571028	20.000	ng		0.00
86) Perylene-d12	23.845	264	1726695	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	851610	79.697	ng		-0.01
7) Phenol-d6	7.069	99	1328461	84.081	ng		-0.01
23) Nitrobenzene-d5	9.081	82	1336504	75.083	ng		-0.01
42) 2,4,6-Tribromophenol	16.051	330	514360	116.377	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	3225368	77.707	ng		-0.01
79) Terphenyl-d14	19.869	244	5385463	78.821	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	170065	37.853	ng		96
3) Pyridine	3.764	79	577676	41.663	ng		92
4) n-Nitrosodimethylamine	3.664	42	224883	36.675	ng	#	94
6) Aniline	7.240	93	836014	42.535	ng		98
8) 2-Chlorophenol	7.475	128	547777	42.135	ng		95
9) Benzaldehyde	7.052	77	406968	41.171	ng		96
10) Phenol	7.099	94	748557	42.060	ng		98
11) bis(2-Chloroethyl)ether	7.334	93	564522	40.071	ng		96
12) 1,3-Dichlorobenzene	7.799	146	549210	40.203	ng		99
13) 1,4-Dichlorobenzene	7.946	146	560831	40.063	ng		98
14) 1,2-Dichlorobenzene	8.263	146	558052	40.748	ng		100
15) Benzyl Alcohol	8.157	79	507649	43.487	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	805145	34.600	ng		95
17) 2-Methylphenol	8.357	107	510227	43.739	ng		98
18) Hexachloroethane	8.999	117	191014	35.640	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	480559	41.372	ng		92
20) 3+4-Methylphenols	8.687	107	728662	44.489	ng		97
22) Acetophenone	8.740	105	943210	40.303	ng		96
24) Nitrobenzene	9.122	77	699822	38.051	ng		96
25) Isophorone	9.652	82	1345788	40.301	ng		99
26) 2-Nitrophenol	9.834	139	304496	41.482	ng		96
27) 2,4-Dimethylphenol	9.893	122	509330	43.186	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	774296	39.787	ng		99
29) 2,4-Dichlorophenol	10.369	162	558239	44.238	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	546077	41.558	ng		99
31) Naphthalene	10.775	128	2017071	40.837	ng		100
32) Benzoic acid	10.046	122	18830m	8.360	ng		
33) 4-Chloroaniline	10.887	127	913209	44.345	ng		99
34) Hexachlorobutadiene	11.057	225	273154	41.216	ng		99
35) Caprolactam	11.681	113	263515	51.381	ng	#	82
36) 4-Chloro-3-methylphenol	12.004	107	708560	46.264	ng		99
37) 2-Methylnaphthalene	12.381	142	1458491	42.758	ng		99
38) 1-Methylnaphthalene	12.598	142	1447376	43.089	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	602731	40.745	ng		98
41) Hexachlorocyclopentadiene	12.728	237	211627	29.170	ng		97
43) 2,4,6-Trichlorophenol	12.987	196	552637	51.610	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	570347	46.341	ng	99
46) 1,1'-Biphenyl	13.392	154	1854594	38.888	ng	99
47) 2-Chloronaphthalene	13.434	162	1466113	39.634	ng	100
48) 2-Nitroaniline	13.640	65	505325	38.315	ng	90
49) Acenaphthylene	14.281	152	2510118	40.881	ng	100
50) Dimethylphthalate	14.016	163	2052548	42.648	ng	100
51) 2,6-Dinitrotoluene	14.134	165	434088	43.686	ng	94
52) Acenaphthene	14.622	154	1519145	40.342	ng	99
53) 3-Nitroaniline	14.463	138	536679	44.098	ng	99
54) 2,4-Dinitrophenol	14.675	184	4127	7.446	ng	94
55) Dibenzofuran	14.957	168	2390686	41.420	ng	99
56) 4-Nitrophenol	14.769	139	328843	32.538	ng	92
57) 2,4-Dinitrotoluene	14.922	165	595019	40.721	ng	91
58) Fluorene	15.604	166	2016251	41.176	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	545936m	54.328	ng	
60) Diethylphthalate	15.381	149	2166047	43.104	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	868627	42.428	ng	100
62) 4-Nitroaniline	15.628	138	611598	43.231	ng	97
63) Azobenzene	15.892	77	2092500	38.029	ng	96
65) 4,6-Dinitro-2-methylph...	15.681	198	16448	7.537	ng	93
66) n-Nitrosodiphenylamine	15.816	169	1756508	39.437	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	515916	42.087	ng	96
68) Hexachlorobenzene	16.610	284	550774	42.286	ng	99
69) Atrazine	16.775	200	557220	43.203	ng	99
70) Pentachlorophenol	16.963	266	187794	23.327	ng	98
71) Phenanthrene	17.357	178	3389255	40.201	ng	99
72) Anthracene	17.445	178	3264593	40.486	ng	99
73) Carbazole	17.716	167	3273557	41.451	ng	100
74) Di-n-butylphthalate	18.269	149	3967260	41.705	ng	99
75) Fluoranthene	19.322	202	3969293	43.308	ng	97
77) Benzidine	19.498	184	1375215	45.103	ng	100
78) Pyrene	19.674	202	4146710	39.501	ng	100
80) Butylbenzylphthalate	20.545	149	1927382	38.319	ng	91
81) Benzo(a)anthracene	21.380	228	4229861	40.807	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	1361600	45.041	ng	98
83) Chrysene	21.433	228	4013420	40.863	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	2898600	38.983	ng	100
85) Di-n-octyl phthalate	22.239	149	5113532	42.692	ng	95
87) Indeno(1,2,3-cd)pyrene	26.404	276	5639657	41.741	ng	98
88) Benzo(b)fluoranthene	23.098	252	4343626	40.517	ng	98
89) Benzo(k)fluoranthene	23.145	252	4311488	39.249	ng	100
90) Benzo(a)pyrene	23.733	252	3708173	40.883	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	4618788	41.174	ng	98
92) Benzo(g,h,i)perylene	27.186	276	4616776	42.516	ng	99

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

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