Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
Data File : BP011796.D
Acq On : 26 Sep 2022 11:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 03:18:05 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 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	181179	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	822463	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	523131	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1103455	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1126348	20.000	ng		0.00
86) Perylene-d12	23.851	264	1202404	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	829738	80.355	ng		0.00
7) Phenol-d6	7.075	99	1247559	81.711	ng		0.00
23) Nitrobenzene-d5	9.087	82	1332194	84.779	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	337576	95.835	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	2847669	86.083	ng		0.00
79) Terphenyl-d14	19.874	244	4158690	84.896	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	145929	33.612	ng		89
3) Pyridine	3.764	79	518361	38.687	ng		88
4) n-Nitrosodimethylamine	3.669	42	182499	30.800	ng	#	82
6) Aniline	7.246	93	788561	41.519	ng		99
8) 2-Chlorophenol	7.481	128	525519	41.831	ng		95
9) Benzaldehyde	7.058	77	394232	41.272	ng		96
10) Phenol	7.105	94	703398	40.899	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	548331	40.278	ng		97
12) 1,3-Dichlorobenzene	7.805	146	556892	42.185	ng		99
13) 1,4-Dichlorobenzene	7.952	146	571530	42.250	ng		100
14) 1,2-Dichlorobenzene	8.275	146	558946	42.235	ng		99
15) Benzyl Alcohol	8.163	79	464779	41.201	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	785430	34.929	ng		95
17) 2-Methylphenol	8.363	107	471867	41.860	ng		98
18) Hexachloroethane	9.004	117	211002	40.741	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	450412	40.127	ng		93
20) 3+4-Methylphenols	8.693	107	666139	42.088	ng		99
22) Acetophenone	8.746	105	877647	42.481	ng		98
24) Nitrobenzene	9.128	77	680397	41.907	ng		96
25) Isophorone	9.657	82	1220991	41.419	ng		100
26) 2-Nitrophenol	9.840	139	281912	43.342	ng		95
27) 2,4-Dimethylphenol	9.899	122	445208	42.761	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	705918	41.090	ng		99
29) 2,4-Dichlorophenol	10.375	162	501258	44.997	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	519140	44.755	ng		98
31) Naphthalene	10.781	128	1874040	42.979	ng		100
32) Benzoic acid	10.022	122	306777	36.325	ng		97
33) 4-Chloroaniline	10.893	127	799072	43.955	ng		99
34) Hexachlorobutadiene	11.069	225	272511	46.579	ng		98
35) Caprolactam	11.687	113	207159	45.757	ng	#	85
36) 4-Chloro-3-methylphenol	12.016	107	595488	44.044	ng		97
37) 2-Methylnaphthalene	12.393	142	1305378	43.351	ng		99
38) 1-Methylnaphthalene	12.610	142	1284489	43.317	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	540354	45.833	ng		99
41) Hexachlorocyclopentadiene	12.734	237	331628	57.355	ng		97
43) 2,4,6-Trichlorophenol	12.998	196	393373	46.094	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	443393	45.203	ng	98
46) 1,1'-Biphenyl	13.398	154	1624148	42.731	ng	100
47) 2-Chloronaphthalene	13.440	162	1281315	43.462	ng	100
48) 2-Nitroaniline	13.645	65	453796	43.172	ng	92
49) Acenaphthylene	14.287	152	2154738	44.032	ng	100
50) Dimethylphthalate	14.022	163	1641272	42.790	ng	100
51) 2,6-Dinitrotoluene	14.139	165	361743	45.679	ng	97
52) Acenaphthene	14.628	154	1295079	43.152	ng	99
53) 3-Nitroaniline	14.469	138	446340	46.017	ng	99
54) 2,4-Dinitrophenol	14.675	184	168161	43.551	ng	90
55) Dibenzofuran	14.963	168	1995672	43.384	ng	99
56) 4-Nitrophenol	14.775	139	361132	44.835	ng	95
57) 2,4-Dinitrotoluene	14.928	165	504225	43.137	ng	92
58) Fluorene	15.616	166	1675977	42.945	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	375656m	46.905	ng	
60) Diethylphthalate	15.386	149	1704494	42.559	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	714647	43.799	ng	98
62) 4-Nitroaniline	15.634	138	485298	43.052	ng	99
63) Azobenzene	15.898	77	1794182	40.913	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	238901	43.337	ng	94
66) n-Nitrosodiphenylamine	15.822	169	1405938	42.761	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	405634	44.825	ng	97
68) Hexachlorobenzene	16.616	284	441646	45.933	ng	99
69) Atrazine	16.781	200	422225	44.346	ng	99
70) Pentachlorophenol	16.963	266	284886	43.311	ng	98
71) Phenanthrene	17.363	178	2679948	43.061	ng	99
72) Anthracene	17.451	178	2609227	43.834	ng	99
73) Carbazole	17.722	167	2563617	43.974	ng	100
74) Di-n-butylphthalate	18.275	149	3017899	42.976	ng	100
75) Fluoranthene	19.327	202	3070256	45.378	ng	97
77) Benzidine	19.504	184	1609633	73.633	ng	99
78) Pyrene	19.680	202	3264242	43.371	ng	99
80) Butylbenzylphthalate	20.551	149	1376488	38.181	ng	92
81) Benzo(a)anthracene	21.386	228	3238551	43.578	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	968654	44.693	ng	99
83) Chrysene	21.439	228	3107999	44.137	ng	98
84) Bis(2-ethylhexyl)phtha...	21.304	149	2008894	37.747	ng	99
85) Di-n-octyl phthalate	22.245	149	3470489	40.413	ng	96
87) Indeno(1,2,3-cd)pyrene	26.415	276	4254269	45.217	ng	98
88) Benzo(b)fluoranthene	23.104	252	3274268	43.859	ng	99
89) Benzo(k)fluoranthene	23.151	252	3271886	42.773	ng	100
90) Benzo(a)pyrene	23.739	252	2799678	44.325	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	3493310	44.720	ng	99
92) Benzo(g,h,i)perylene	27.203	276	3518774	46.534	ng	99

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

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