Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
Data File : BP012685.D
Acq On : 21 Nov 2022 14:30
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 22:51:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:44:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	332500	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	1445323	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	967771	20.000	ng	0.00
64) Phenanthrene-d10	17.427	188	2174927	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2329834	20.000	ng	0.00
86) Perylene-d12	24.039	264	2240995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1295267	70.402	ng	0.00
7) Phenol-d6	7.181	99	1819478	71.009	ng	0.00
23) Nitrobenzene-d5	9.204	82	2055123	89.402	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	802779	72.485	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	5381374	83.668	ng	0.00
79) Terphenyl-d14	19.974	244	8885040	82.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	257848	34.897	ng	100
3) Pyridine	3.846	79	825611m	35.397	ng	
4) n-Nitrosodimethylamine	3.758	42	360800	36.222	ng	100
6) Aniline	7.357	93	1163348	36.040	ng	100
8) 2-Chlorophenol	7.593	128	828727	36.479	ng	100
9) Benzaldehyde	7.169	77	492136	32.933	ng	100
10) Phenol	7.210	94	1031063	35.718	ng	100
11) bis(2-Chloroethyl)ether	7.452	93	871436	37.897	ng	100
12) 1,3-Dichlorobenzene	7.928	146	978531	38.812	ng	100
13) 1,4-Dichlorobenzene	8.069	146	1006951	39.169	ng	100
14) 1,2-Dichlorobenzene	8.393	146	977586	39.624	ng	100
15) Benzyl Alcohol	8.275	79	659759	34.559	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.569	45	1284628	39.594	ng	100
17) 2-Methylphenol	8.469	107	725830	36.260	ng	100
18) Hexachloroethane	9.128	117	364264	42.401	ng	100
19) n-Nitroso-di-n-propyla...	8.851	70	664219	38.138	ng	100
20) 3+4-Methylphenols	8.804	107	994067	35.448	ng	100
22) Acetophenone	8.863	105	1379916	38.248	ng	100
24) Nitrobenzene	9.246	77	1054801	42.494	ng	100
25) Isophorone	9.775	82	1940497	37.528	ng	100
26) 2-Nitrophenol	9.957	139	362538	33.681	ng	100
27) 2,4-Dimethylphenol	10.016	122	697792	34.352	ng	100
28) bis(2-Chloroethoxy)met...	10.257	93	1130429	38.437	ng	100
29) 2,4-Dichlorophenol	10.493	162	898201	38.043	ng	100
30) 1,2,4-Trichlorobenzene	10.716	180	1027517	40.545	ng	100
31) Naphthalene	10.904	128	3107371	39.107	ng	100
32) Benzoic acid	10.146	122	347420m	21.844	ng	
33) 4-Chloroaniline	11.010	127	1191219	35.985	ng	100
34) Hexachlorobutadiene	11.193	225	639835	42.734	ng	100
35) Caprolactam	11.787	113	257943	33.552	ng	100
36) 4-Chloro-3-methylphenol	12.116	107	928901	36.652	ng	100
37) 2-Methylnaphthalene	12.504	142	2249882	39.595	ng	100
38) 1-Methylnaphthalene	12.722	142	2206669	39.520	ng	100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1203570	42.640	ng	100
41) Hexachlorocyclopentadiene	12.851	237	584655	54.459	ng	100
43) 2,4,6-Trichlorophenol	13.104	196	777337	38.682	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.169	196	894897	40.249	ng	100
46)	1,1'-Biphenyl	13.510	154	2895872	40.016	ng	100
47)	2-Chloronaphthalene	13.551	162	2311524	40.225	ng	100
48)	2-Nitroaniline	13.745	65	541299	47.069	ng	100
49)	Acenaphthylene	14.392	152	3711952	39.579	ng	100
50)	Dimethylphthalate	14.128	163	2934586	38.497	ng	100
51)	2,6-Dinitrotoluene	14.239	165	617497	46.194	ng	100
52)	Acenaphthene	14.733	154	2353901	39.327	ng	100
53)	3-Nitroaniline	14.569	138	654319	42.744	ng	100
54)	2,4-Dinitrophenol	14.769	184	234162	31.548	ng	100
55)	Dibenzofuran	15.069	168	3605413	39.903	ng	100
56)	4-Nitrophenol	14.863	139	533356	37.221	ng	100
57)	2,4-Dinitrotoluene	15.028	165	840252	47.257	ng	100
58)	Fluorene	15.722	166	2965246	41.695	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.286	232	819009	40.918	ng	100
60)	Diethylphthalate	15.492	149	2863911	38.193	ng	100
61)	4-Chlorophenyl-phenyle...	15.716	204	1455594	42.581	ng	100
62)	4-Nitroaniline	15.733	138	637409	42.563	ng	100
63)	Azobenzene	16.010	77	2857194	41.706	ng	100
65)	4,6-Dinitro-2-methylph...	15.786	198	355040	33.241	ng	100
66)	n-Nitrosodiphenylamine	15.928	169	2466778	38.058	ng	100
67)	4-Bromophenyl-phenylether	16.610	248	835007	36.717	ng	100
68)	Hexachlorobenzene	16.722	284	1075888	40.792	ng	100
69)	Atrazine	16.880	200	710525	41.603	ng	100
70)	Pentachlorophenol	17.069	266	665842	38.897	ng	100
71)	Phenanthrene	17.469	178	4924073	39.914	ng	100
72)	Anthracene	17.563	178	4730107	39.741	ng	100
73)	Carbazole	17.822	167	4289471	37.947	ng	100
74)	Di-n-butylphthalate	18.380	149	4340208	36.827	ng	100
75)	Fluoranthene	19.427	202	5991823	40.996	ng	100
77)	Benzidine	19.604	184	455362m	14.217	ng	
78)	Pyrene	19.780	202	6197584	37.641	ng	100
80)	Butylbenzylphthalate	20.651	149	681215	22.924	ng	100
81)	Benzo(a)anthracene	21.498	228	6384075	39.086	ng	100
82)	3,3'-Dichlorobenzidine	21.421	252	1273435	30.974	ng	100
83)	Chrysene	21.551	228	6065151	39.160	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.421	149	1419282	26.355	ng	100
85)	Di-n-octyl phthalate	22.398	149	2772584	24.335	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.698	276	6844292	41.951	ng	100
88)	Benzo(b)fluoranthene	23.262	252	6182591	41.672	ng	100
89)	Benzo(k)fluoranthene	23.315	252	6127625	41.566	ng	100
90)	Benzo(a)pyrene	23.927	252	4981520	40.461	ng	100
91)	Dibenzo(a,h)anthracene	26.721	278	5742344	42.564	ng	100
92)	Benzo(g,h,i)perylene	27.509	276	5282676	40.315	ng	100

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

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