Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
Data File : BP012697.D
Acq On : 22 Nov 2022 12:18
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 23:38:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 23:34:02 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	370697	20.000	ng		0.00
21) Naphthalene-d8	10.851	136	1564894	20.000	ng		0.00
39) Acenaphthene-d10	14.669	164	1016181	20.000	ng		0.00
64) Phenanthrene-d10	17.428	188	2258006	20.000	ng		0.00
76) Chrysene-d12	21.516	240	2344445	20.000	ng		0.00
86) Perylene-d12	24.033	264	1981108	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1729681	94.519	ng		0.00
7) Phenol-d6	7.187	99	2476348	97.533	ng		0.00
23) Nitrobenzene-d5	9.204	82	2803824	100.410	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	1227400	109.731	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	7120957	98.893	ng		0.00
79) Terphenyl-d14	19.974	244	11043432	99.119	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	336827	44.775	ng		99
3) Pyridine	3.846	79	1102786m	46.949	ng		
4) n-Nitrosodimethylamine	3.758	42	478756	46.669	ng		96
6) Aniline	7.357	93	1553469	48.460	ng		99
8) 2-Chlorophenol	7.593	128	1121023	48.477	ng		99
9) Benzaldehyde	7.169	77	709178	45.340	ng		98
10) Phenol	7.210	94	1405789	48.818	ng		98
11) bis(2-Chloroethyl)ether	7.457	93	1176049	47.352	ng		99
12) 1,3-Dichlorobenzene	7.922	146	1320774	46.985	ng		99
13) 1,4-Dichlorobenzene	8.075	146	1355217	46.799	ng		99
14) 1,2-Dichlorobenzene	8.393	146	1316957	46.943	ng		99
15) Benzyl Alcohol	8.275	79	923170	51.824	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.575	45	1703433	46.607	ng		99
17) 2-Methylphenol	8.469	107	987659	49.656	ng		98
18) Hexachloroethane	9.128	117	493617	46.972	ng		98
19) n-Nitroso-di-n-propyla...	8.852	70	899631	51.438	ng		99
20) 3+4-Methylphenols	8.804	107	1354241	50.368	ng		98
22) Acetophenone	8.863	105	1865724	48.317	ng	#	100
24) Nitrobenzene	9.246	77	1437167	49.783	ng		100
25) Isophorone	9.775	82	2591740	48.016	ng		99
26) 2-Nitrophenol	9.957	139	516224	54.818	ng		100
27) 2,4-Dimethylphenol	10.016	122	943328	50.874	ng		100
28) bis(2-Chloroethoxy)met...	10.257	93	1532840	50.075	ng		99
29) 2,4-Dichlorophenol	10.493	162	1239586	52.664	ng		100
30) 1,2,4-Trichlorobenzene	10.716	180	1409282	48.665	ng		99
31) Naphthalene	10.904	128	4172301	47.743	ng		100
32) Benzoic acid	10.163	122	477392	47.015	ng		97
33) 4-Chloroaniline	11.010	127	1629162	52.932	ng		99
34) Hexachlorobutadiene	11.193	225	879882	48.533	ng		99
35) Caprolactam	11.798	113	340620	48.907	ng		98
36) 4-Chloro-3-methylphenol	12.122	107	1242694	50.397	ng		100
37) 2-Methylnaphthalene	12.504	142	3017843	48.668	ng		99
38) 1-Methylnaphthalene	12.722	142	2945919	47.862	ng		100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1665920	51.475	ng		100
41) Hexachlorocyclopentadiene	12.851	237	834338	55.102	ng		99
43) 2,4,6-Trichlorophenol	13.104	196	1072213	54.367	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.169	196	1211089	52.905	ng	99
46)	1,1'-Biphenyl	13.510	154	3881280	50.010	ng	100
47)	2-Chloronaphthalene	13.551	162	3082025	49.451	ng	99
48)	2-Nitroaniline	13.751	65	775648	58.818	ng	98
49)	Acenaphthylene	14.392	152	4919989	49.350	ng	100
50)	Dimethylphthalate	14.128	163	3876181	49.430	ng	100
51)	2,6-Dinitrotoluene	14.240	165	837290	52.888	ng	99
52)	Acenaphthene	14.739	154	3108896	49.081	ng	99
53)	3-Nitroaniline	14.575	138	886026	54.467	ng	97
54)	2,4-Dinitrophenol	14.769	184	336241	52.113	ng	98
55)	Dibenzofuran	15.069	168	4772277	48.687	ng	99
56)	4-Nitrophenol	14.863	139	716848	51.103	ng	99
57)	2,4-Dinitrotoluene	15.028	165	1143024	54.332	ng	98
58)	Fluorene	15.722	166	3900236	48.663	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.287	232	1099179	52.224	ng	99
60)	Diethylphthalate	15.492	149	3782907	50.343	ng	100
61)	4-Chlorophenyl-phenyle...	15.710	204	1971493	49.861	ng	99
62)	4-Nitroaniline	15.739	138	878820	58.114	ng	99
63)	Azobenzene	16.010	77	3711334	48.365	ng	97
65)	4,6-Dinitro-2-methylph...	15.792	198	507302	53.033	ng	95
66)	n-Nitrosodiphenylamine	15.928	169	3273637	50.183	ng	100
67)	4-Bromophenyl-phenylether	16.610	248	1204838	52.429	ng	99
68)	Hexachlorobenzene	16.728	284	1458846	50.087	ng	98
69)	Atrazine	16.881	200	972833	61.555	ng	99
70)	Pentachlorophenol	17.069	266	911998	52.483	ng	99
71)	Phenanthrene	17.469	178	6390793	48.528	ng	100
72)	Anthracene	17.563	178	6170663	49.218	ng	100
73)	Carbazole	17.828	167	5586913	49.689	ng	100
74)	Di-n-butylphthalate	18.375	149	5749393	53.753	ng	99
75)	Fluoranthene	19.427	202	7739846	49.540	ng	100
77)	Benzidine	19.598	184	586291	41.005	ng	99
78)	Pyrene	19.780	202	7971385	49.911	ng	99
80)	Butylbenzylphthalate	20.651	149	913215	51.400	ng	99
81)	Benzo(a)anthracene	21.498	228	8040054	49.118	ng	99
82)	3,3'-Dichlorobenzidine	21.421	252	1833854	56.251	ng	99
83)	Chrysene	21.551	228	7617361	48.518	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.416	149	1864924	54.516	ng	100
85)	Di-n-octyl phthalate	22.392	149	3619362	45.452	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.698	276	6796967	46.347	ng	100
88)	Benzo(b)fluoranthene	23.263	252	7246178	53.683	ng	100
89)	Benzo(k)fluoranthene	23.321	252	7170014	51.974	ng	99
90)	Benzo(a)pyrene	23.927	252	5626847	51.677	ng	99
91)	Dibenzo(a,h)anthracene	26.715	278	5786406	46.774	ng	99
92)	Benzo(g,h,i)perylene	27.509	276	5141229	44.859	ng	98

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

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