Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009134.D
Acq On : 14 Feb 2022 14:44
Operator : CG/JU
Sample : PB142649BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 14 15:45:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142649BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	246081	20.000	ng		-0.01
21) Naphthalene-d8	10.593	136	963145	20.000	ng		-0.01
39) Acenaphthene-d10	14.440	164	646339	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1287222	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1059453	20.000	ng		0.00
86) Perylene-d12	23.692	264	944597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1946905	141.128	ng		0.00
7) Phenol-d6	6.993	99	2486176	136.771	ng		0.00
23) Nitrobenzene-d5	8.958	82	1552902	90.925	ng		-0.01
42) 2,4,6-Tribromophenol	15.945	330	1289860	149.466	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	4086238	88.503	ng		-0.01
79) Terphenyl-d14	19.763	244	5824893	98.872	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	172018	37.862	ng		98
3) Pyridine	3.693	79	486947	36.689	ng		95
4) n-Nitrosodimethylamine	3.605	42	249902	49.150	ng		84
6) Aniline	7.122	93	755238	36.604	ng		96
8) 2-Chlorophenol	7.369	128	806802	51.821	ng		98
9) Benzaldehyde	6.940	77	429815	46.681	ng		97
10) Phenol	7.016	94	958431	52.441	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	701341	49.421	ng		97
12) 1,3-Dichlorobenzene	7.681	146	843030	46.820	ng		98
13) 1,4-Dichlorobenzene	7.828	146	852100	46.357	ng		99
14) 1,2-Dichlorobenzene	8.146	146	832136	46.714	ng		98
15) Benzyl Alcohol	8.046	79	656872	56.767	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	767045	47.955	ng		99
17) 2-Methylphenol	8.264	107	644900	52.634	ng		97
18) Hexachloroethane	8.863	117	298232	48.978	ng		96
19) n-Nitroso-di-n-propyla...	8.611	70	522780	50.229	ng		97
20) 3+4-Methylphenols	8.593	107	859295	51.244	ng		98
22) Acetophenone	8.622	105	1082592	48.082	ng	#	95
24) Nitrobenzene	8.999	77	797363	49.387	ng		96
25) Isophorone	9.528	82	1472748	51.900	ng		99
26) 2-Nitrophenol	9.710	139	435786	52.188	ng		92
27) 2,4-Dimethylphenol	9.787	122	734859	58.855	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	934871	48.537	ng		97
29) 2,4-Dichlorophenol	10.263	162	821699	52.666	ng		99
30) 1,2,4-Trichlorobenzene	10.458	180	866794	47.250	ng		97
31) Naphthalene	10.640	128	2299014	46.800	ng		99
32) Benzoic acid	10.010	122	502708	48.418	ng		95
33) 4-Chloroaniline	10.769	127	388646	19.593	ng		98
34) Hexachlorobutadiene	10.922	225	542626	48.084	ng		100
35) Caprolactam	11.587	113	242520	53.010	ng		98
36) 4-Chloro-3-methylphenol	11.916	107	771790	51.857	ng		97
37) 2-Methylnaphthalene	12.257	142	1715587	49.352	ng		97
38) 1-Methylnaphthalene	12.475	142	1624617	47.828	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	995994	48.413	ng		100
41) Hexachlorocyclopentadiene	12.604	237	680567	87.527	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	684266	50.156	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	733564	50.141	ng		98
46) 1,1'-Biphenyl	13.269	154	2283324	48.083	ng		98
47) 2-Chloronaphthalene	13.316	162	1752584	46.445	ng		99
48) 2-Nitroaniline	13.528	65	446378	51.052	ng		96
49) Acenaphthylene	14.157	152	2815004	49.482	ng		100
50) Dimethylphthalate	13.904	163	2267688	49.221	ng		100
51) 2,6-Dinitrotoluene	14.028	165	503980	52.450	ng		93
52) Acenaphthene	14.504	154	1608368	46.465	ng		99
53) 3-Nitroaniline	14.363	138	240603	24.481	ng		99
54) 2,4-Dinitrophenol	14.593	184	546905	82.386	ng		96
55) Dibenzofuran	14.840	168	2691504	46.153	ng		98
56) 4-Nitrophenol	14.716	139	642981	76.820	ng		95
57) 2,4-Dinitrotoluene	14.828	165	679282	54.132	ng	#	87
58) Fluorene	15.493	166	2138884	47.740	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	617440m	48.225	ng		
60) Diethylphthalate	15.269	149	2169308	49.796	ng		100
61) 4-Chlorophenyl-phenyle...	15.487	204	1151717	47.312	ng		98
62) 4-Nitroaniline	15.534	138	460561m	46.606	ng		
63) Azobenzene	15.781	77	1781389	47.262	ng		95
65) 4,6-Dinitro-2-methylph...	15.604	198	358719	45.410	ng		97
66) n-Nitrosodiphenylamine	15.704	169	1915293	49.062	ng		100
67) 4-Bromophenyl-phenylether	16.381	248	760448	50.980	ng		98
68) Hexachlorobenzene	16.510	284	853393	51.074	ng		100
69) Atrazine	16.669	200	737609	56.982	ng		97
70) Pentachlorophenol	16.863	266	843222	95.842	ng		98
71) Phenanthrene	17.240	178	3372939	48.393	ng		98
72) Anthracene	17.334	178	3405608	49.942	ng		99
73) Carbazole	17.610	167	2962416	45.321	ng		99
74) Di-n-butylphthalate	18.157	149	3598383	54.332	ng		99
75) Fluoranthene	19.216	202	3791021	48.529	ng		96
77) Benzidine	19.398	184	1277806	57.719	ng		98
78) Pyrene	19.569	202	3822451	50.719	ng		98
80) Butylbenzylphthalate	20.439	149	1442327	55.657	ng		99
81) Benzo(a)anthracene	21.280	228	3241959	47.485	ng		98
82) 3,3'-Dichlorobenzidine	21.216	252	842720	35.600	ng		99
83) Chrysene	21.333	228	3049068	46.326	ng		97
84) Bis(2-ethylhexyl)phtha...	21.198	149	2004523	58.476	ng		98
85) Di-n-octyl phthalate	22.116	149	3196686	58.297	ng		100
87) Indeno(1,2,3-cd)pyrene	26.204	276	3225786	45.961	ng		98
88) Benzo(b)fluoranthene	22.963	252	2979938	51.245	ng		99
89) Benzo(k)fluoranthene	23.010	252	2907423m	50.114	ng		
90) Benzo(a)pyrene	23.586	252	2831310	58.400	ng		99
91) Dibenzo(a,h)anthracene	26.210	278	2806405	48.656	ng		98
92) Benzo(g,h,i)perylene	26.968	276	2800268	48.762	ng		98

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

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