Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008691.D
Acq On : 05 Jan 2022 14:27
Operator : CG/JU
Sample : PB141691BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141691BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 03:02:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	592332	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	2093406	20.000	ng		-0.01
39) Acenaphthene-d10	14.516	164	1432556	20.000	ng		-0.01
64) Phenanthrene-d10	17.269	188	3006543	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2309790	20.000	ng		-0.01
86) Perylene-d12	23.774	264	1904639	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	4483172	138.149	ng		0.00
7) Phenol-d6	7.063	99	5804673	128.508	ng		0.00
23) Nitrobenzene-d5	9.046	82	2843786	80.812	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	2887927	149.001	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	8129651	82.219	ng		-0.01
79) Terphenyl-d14	19.822	244	11804782	104.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	456671	34.834	ng		99
3) Pyridine	3.769	79	1087846	30.419	ng		99
4) n-Nitrosodimethylamine	3.675	42	576541	49.929	ng		96
6) Aniline	7.210	93	1230913	23.446	ng		99
8) 2-Chlorophenol	7.452	128	1839125	48.111	ng		100
9) Benzaldehyde	7.022	77	1001419	38.953	ng		100
10) Phenol	7.087	94	2187868	47.979	ng		98
11) bis(2-Chloroethyl)ether	7.310	93	1578771	42.928	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1895380	42.359	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1936979	42.558	ng		99
14) 1,2-Dichlorobenzene	8.240	146	1723734	38.767	ng		98
15) Benzyl Alcohol	8.128	79	1452652	44.898	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.416	45	1373602	32.822	ng		99
17) 2-Methylphenol	8.334	107	1244555	39.220	ng		98
18) Hexachloroethane	8.969	117	550144	37.075	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	967491	33.541	ng		98
20) 3+4-Methylphenols	8.663	107	1694718	38.015	ng		98
22) Acetophenone	8.710	105	2118288	42.198	ng	#	98
24) Nitrobenzene	9.087	77	1444985	43.115	ng		100
25) Isophorone	9.622	82	2662901	40.508	ng		99
26) 2-Nitrophenol	9.799	139	858371	53.924	ng		99
27) 2,4-Dimethylphenol	9.869	122	1422484	49.523	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1757136	38.607	ng		99
29) 2,4-Dichlorophenol	10.340	162	1626707	46.793	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	1716930	41.883	ng		100
31) Naphthalene	10.740	128	4537346	41.758	ng		100
32) Benzoic acid	10.040	122	994911	54.840	ng		100
33) 4-Chloroaniline	10.845	127	471664	10.123	ng		99
34) Hexachlorobutadiene	11.034	225	1055321	42.405	ng		100
35) Caprolactam	11.651	113	487429	42.657	ng		96
36) 4-Chloro-3-methylphenol	11.981	107	1531593	44.075	ng		100
37) 2-Methylnaphthalene	12.345	142	3506667	42.876	ng		99
38) 1-Methylnaphthalene	12.563	142	3206230	40.096	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	2032898	45.044	ng		100
41) Hexachlorocyclopentadiene	12.704	237	2515713	104.824	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	1400664	47.701	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1523592	46.993	ng	99
46) 1,1'-Biphenyl	13.357	154	4614133	43.546	ng	99
47) 2-Chloronaphthalene	13.398	162	3567074	42.955	ng	99
48) 2-Nitroaniline	13.592	65	841687	46.236	ng	98
49) Acenaphthylene	14.239	152	5530679	43.359	ng	100
50) Dimethylphthalate	13.981	163	4511971	40.893	ng	100
51) 2,6-Dinitrotoluene	14.092	165	1027732	45.393	ng	98
52) Acenaphthene	14.581	154	3804936m	45.591	ng	
53) 3-Nitroaniline	14.416	138	385981	16.380	ng	99
54) 2,4-Dinitrophenol	14.628	184	1025603	101.704	ng	98
55) Dibenzofuran	14.916	168	5417221	40.489	ng	100
56) 4-Nitrophenol	14.739	139	1621237	87.369	ng	96
57) 2,4-Dinitrotoluene	14.881	165	1409025	46.642	ng	99
58) Fluorene	15.569	166	4326578	41.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1319714m	45.435	ng	
60) Diethylphthalate	15.345	149	4344544	40.282	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	2376678	40.921	ng	100
62) 4-Nitroaniline	15.586	138	949872	39.691	ng	98
63) Azobenzene	15.857	77	3426817	39.367	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	716112	47.367	ng	99
66) n-Nitrosodiphenylamine	15.775	169	3915731	43.155	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	1591250	48.369	ng	100
68) Hexachlorobenzene	16.580	284	1872499	46.368	ng	96
69) Atrazine	16.733	200	1467567	43.238	ng	99
70) Pentachlorophenol	16.922	266	2123472	96.543	ng	100
71) Phenanthrene	17.310	178	6897292	42.551	ng	100
72) Anthracene	17.404	178	6986499	44.235	ng	99
73) Carbazole	17.669	167	6172911	39.821	ng	99
74) Di-n-butylphthalate	18.227	149	7324922	43.190	ng	100
75) Fluoranthene	19.274	202	7847477	42.090	ng	98
77) Benzidine	19.451	184	1499428	21.607	ng	98
78) Pyrene	19.627	202	7913839	52.666	ng	99
80) Butylbenzylphthalate	20.504	149	2958660	49.365	ng	95
81) Benzo(a)anthracene	21.339	228	6366192	42.485	ng	98
82) 3,3'-Dichlorobenzidine	21.268	252	1516531	27.525	ng	99
83) Chrysene	21.392	228	6149518	43.889	ng	97
84) Bis(2-ethylhexyl)phtha...	21.268	149	4202691	46.419	ng	99
85) Di-n-octyl phthalate	22.198	149	6585945	46.995	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	6196772	48.436	ng	98
88) Benzo(b)fluoranthene	23.033	252	5741227	46.872	ng	100
89) Benzo(k)fluoranthene	23.086	252	5231585	42.964	ng	98
90) Benzo(a)pyrene	23.668	252	5143528	52.089	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	5275479	48.880	ng	99
92) Benzo(g,h,i)perylene	27.080	276	5240876	51.931	ng	99

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

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