Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009346.D
Acq On : 10 Mar 2022 16:09
Operator : CG/JU
Sample : N1864-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 05:01:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	377293	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1327541	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	722964	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1379252	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1512407	20.000	ng		0.00
86) Perylene-d12	23.727	264	1928601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	2248557	86.993	ng		0.00
7) Phenol-d6	6.993	99	2723531	82.916	ng		0.00
23) Nitrobenzene-d5	8.969	82	1693272	70.253	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	954173	109.300	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3571807	67.942	ng		0.00
79) Terphenyl-d14	19.786	244	4800789	59.903	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	424588	38.590	ng		98
3) Pyridine	3.740	79	1075369	45.858	ng		99
4) n-Nitrosodimethylamine	3.652	42	453475	46.368	ng		98
6) Aniline	7.146	93	888798	21.362	ng		98
8) 2-Chlorophenol	7.387	128	1174052	44.343	ng		97
9) Benzaldehyde	6.958	77	711633m	34.004	ng		
10) Phenol	7.016	94	1402913	41.246	ng		98
11) bis(2-Chloroethyl)ether	7.246	93	1126957	42.813	ng		96
12) 1,3-Dichlorobenzene	7.711	146	1368402	43.868	ng		99
13) 1,4-Dichlorobenzene	7.852	146	1382515	43.682	ng		99
14) 1,2-Dichlorobenzene	8.169	146	1301270	43.019	ng		99
15) Benzyl Alcohol	8.058	79	984004	42.479	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1235577	36.162	ng		97
17) 2-Methylphenol	8.263	107	909198	41.294	ng		99
18) Hexachloroethane	8.899	117	487462	44.253	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	801070	40.437	ng		97
20) 3+4-Methylphenols	8.593	107	1207669	40.928	ng		99
22) Acetophenone	8.640	105	1606923	45.282	ng	#	98
24) Nitrobenzene	9.010	77	1216739	47.633	ng		100
25) Isophorone	9.546	82	2143218	47.538	ng		99
26) 2-Nitrophenol	9.722	139	598954	60.529	ng		97
27) 2,4-Dimethylphenol	9.793	122	961672	44.186	ng		100
28) bis(2-Chloroethoxy)met...	10.028	93	1328722	45.036	ng		100
29) 2,4-Dichlorophenol	10.263	162	989853	47.156	ng		100
30) 1,2,4-Trichlorobenzene	10.475	180	1160504	47.235	ng		99
31) Naphthalene	10.663	128	3297876	44.858	ng		100
32) Benzoic acid	9.934	122	681744	61.676	ng		96
33) 4-Chloroaniline	10.769	127	333969	11.110	ng		97
34) Hexachlorobutadiene	10.957	225	755956	50.526	ng		99
35) Caprolactam	11.557	113	291648	47.202	ng		96
36) 4-Chloro-3-methylphenol	11.904	107	966854	44.124	ng		99
37) 2-Methylnaphthalene	12.275	142	2186618	41.862	ng		99
38) 1-Methylnaphthalene	12.493	142	2075437	43.143	ng		99
40) 1,2,4,5-Tetrachloroben...	12.646	216	1203175	49.385	ng		99
41) Hexachlorocyclopentadiene	12.634	237	1515564	98.216	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	765611	52.336	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	802054	49.985	ng	98
46) 1,1'-Biphenyl	13.293	154	2712234	45.950	ng	99
47) 2-Chloronaphthalene	13.328	162	2131011	47.664	ng	99
48) 2-Nitroaniline	13.528	65	567008	55.157	ng	96
49) Acenaphthylene	14.175	152	3410870	49.375	ng	100
50) Dimethylphthalate	13.916	163	2460245	46.138	ng	100
51) 2,6-Dinitrotoluene	14.028	165	538410	51.130	ng	99
52) Acenaphthene	14.522	154	2275720m	51.401	ng	
53) 3-Nitroaniline	14.351	138	283493	25.345	ng	99
54) 2,4-Dinitrophenol	14.563	184	616233	136.671	ng	97
55) Dibenzofuran	14.857	168	3031195	45.197	ng	100
56) 4-Nitrophenol	14.669	139	979504	105.298	ng	98
57) 2,4-Dinitrotoluene	14.816	165	721790	53.534	ng	98
58) Fluorene	15.510	166	2365639	45.042	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	679752	50.312	ng	95
60) Diethylphthalate	15.287	149	2357765	45.415	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1244305	46.513	ng	97
62) 4-Nitroaniline	15.522	138	536865	49.495	ng	99
63) Azobenzene	15.798	77	2234361	43.807	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	390689	64.399	ng	96
66) n-Nitrosodiphenylamine	15.722	169	2052454	47.406	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	775726	52.130	ng	95
68) Hexachlorobenzene	16.522	284	877992	50.304	ng	97
69) Atrazine	16.681	200	733716	48.142	ng	99
70) Pentachlorophenol	16.863	266	1129000	107.473	ng	99
71) Phenanthrene	17.257	178	3654976	46.110	ng	100
72) Anthracene	17.351	178	3689708	46.765	ng	100
73) Carbazole	17.622	167	3346978	46.556	ng	100
74) Di-n-butylphthalate	18.186	149	3895262	48.954	ng	100
75) Fluoranthene	19.233	202	4267888	46.648	ng	99
77) Benzidine	19.416	184	1530175	28.987	ng	100
78) Pyrene	19.586	202	4437722	43.459	ng	100
80) Butylbenzylphthalate	20.475	149	1793397	48.657	ng	96
81) Benzo(a)anthracene	21.310	228	4850120	47.314	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	1433095	38.084	ng	98
83) Chrysene	21.363	228	4535656	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2588844	43.917	ng	99
85) Di-n-octyl phthalate	22.174	149	4775348	49.480	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	7130331	47.585	ng	97
88) Benzo(b)fluoranthene	22.998	252	5788999	44.457	ng	98
89) Benzo(k)fluoranthene	23.045	252	5563715	44.724	ng	99
90) Benzo(a)pyrene	23.627	252	5792885	46.905	ng	98
91) Dibenzo(a,h)anthracene	26.257	278	6232229	49.050	ng	98
92) Benzo(g,h,i)perylene	27.010	276	6199750	49.392	ng	96

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

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