Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012642.D
Acq On : 13 Nov 2022 04:14
Operator : CG/JU
Sample : N5531-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Quant Time: Nov 14 03:26:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:44:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	318995	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1356440	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	848122	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1692163	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1444227	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1401363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2006022	117.097	ng	0.00
7) Phenol-d6	6.899	99	2642492	111.127	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1559709	63.792	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	1228919	106.142	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	3475498	62.209	ng	-0.01
79) Terphenyl-d14	19.704	244	4843726	67.946	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	302608	41.174	ng	100
3) Pyridine	3.599	79	801963	37.434	ng	99
4) n-Nitrosodimethylamine	3.511	42	357567	45.089	ng	96
6) Aniline	7.046	93	1410357	46.872	ng	98
8) 2-Chlorophenol	7.275	128	1102382	50.811	ng	100
9) Benzaldehyde	6.858	77	591753	39.453	ng	99
10) Phenol	6.928	94	1377616	51.279	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	997441	44.900	ng	99
12) 1,3-Dichlorobenzene	7.593	146	1085309	45.398	ng	99
13) 1,4-Dichlorobenzene	7.746	146	1110878	45.402	ng	99
14) 1,2-Dichlorobenzene	8.058	146	1075386	46.188	ng	99
15) Benzyl Alcohol	7.969	79	906743m	50.950	ng	
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1261921	43.740	ng	99
17) 2-Methylphenol	8.169	107	912427	49.292	ng	99
18) Hexachloroethane	8.775	117	404252	46.200	ng	99
19) n-Nitroso-di-n-propyla...	8.534	70	750928	43.502	ng	99
20) 3+4-Methylphenols	8.505	107	1243693	47.805	ng	99
22) Acetophenone	8.546	105	1529030	45.262	ng	100
24) Nitrobenzene	8.922	77	1130438	44.411	ng	99
25) Isophorone	9.452	82	2133564	46.451	ng	99
26) 2-Nitrophenol	9.628	139	591067	48.380	ng	99
27) 2,4-Dimethylphenol	9.699	122	1000036	54.790	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1392625	48.933	ng	100
29) 2,4-Dichlorophenol	10.169	162	1057666	48.916	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	1038655	44.326	ng	99
31) Naphthalene	10.557	128	3164736	42.946	ng	100
32) Benzoic acid	9.899	122	781105	42.334	ng	96
33) 4-Chloroaniline	10.687	127	964959	31.395	ng	100
34) Hexachlorobutadiene	10.828	225	657515	44.353	ng	99
35) Caprolactam	11.516	113	326288m	45.149	ng	
36) 4-Chloro-3-methylphenol	11.828	107	1132725	46.414	ng	99
37) 2-Methylnaphthalene	12.175	142	2247790	42.556	ng	99
38) 1-Methylnaphthalene	12.399	142	2121343	41.047	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	1202874	47.599	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1312183	100.349	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	842185	47.443	ng	98

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44) 2,4,5-Trichlorophenol	12.875	196	917839	46.321	ng	99
46) 1,1'-Biphenyl	13.198	154	2878889	45.836	ng	99
47) 2-Chloronaphthalene	13.240	162	2236704	45.373	ng	99
48) 2-Nitroaniline	13.463	65	678907	45.536	ng	98
49) Acenaphthylene	14.093	152	3481821	44.478	ng	100
50) Dimethylphthalate	13.846	163	2859452	42.663	ng	99
51) 2,6-Dinitrotoluene	13.969	165	636529	44.534	ng	99
52) Acenaphthene	14.434	154	2067197	43.384	ng	100
53) 3-Nitroaniline	14.298	138	509786	33.140	ng	99
54) 2,4-Dinitrophenol	14.516	184	718463	71.376	ng	97
55) Dibenzofuran	14.775	168	3200802	42.501	ng	100
56) 4-Nitrophenol	14.628	139	1067499	83.499	ng	96
57) 2,4-Dinitrotoluene	14.757	165	816062	44.301	ng	98
58) Fluorene	15.428	166	2437170	40.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	773884	42.406	ng	99
60) Diethylphthalate	15.210	149	2823178	42.076	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	1273143	43.205	ng	98
62) 4-Nitroaniline	15.475	138	601480	37.845	ng	96
63) Azobenzene	15.716	77	2546430	42.338	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	459686	39.984	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2269235	45.463	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	886521	46.605	ng	98
68) Hexachlorobenzene	16.428	284	1044689	46.010	ng	99
69) Atrazine	16.610	200	833956	47.915	ng	99
70) Pentachlorophenol	16.787	266	1205500	86.070	ng	99
71) Phenanthrene	17.175	178	3951183	42.359	ng	99
72) Anthracene	17.269	178	3968192	44.340	ng	99
73) Carbazole	17.551	167	3629943	43.313	ng	99
74) Di-n-butylphthalate	18.098	149	4659758	44.523	ng	100
75) Fluoranthene	19.151	202	4478064	40.963	ng	99
77) Benzidine	19.345	184	1924790	60.409	ng	99
78) Pyrene	19.504	202	4556920	45.737	ng	100
80) Butylbenzylphthalate	20.386	149	2001281	47.426	ng	99
81) Benzo(a)anthracene	21.222	228	4179012	43.274	ng	100
82) 3,3'-Dichlorobenzidine	21.157	252	1535403	46.559	ng	100
83) Chrysene	21.269	228	3912430	42.505	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	2796469	48.455	ng	99
85) Di-n-octyl phthalate	22.045	149	4608752	47.339	ng	99
87) Indeno(1,2,3-cd)pyrene	26.010	276	4619964	46.522	ng	99
88) Benzo(b)fluoranthene	22.863	252	4180967	46.375	ng	99
89) Benzo(k)fluoranthene	22.910	252	4034885	45.868	ng	99
90) Benzo(a)pyrene	23.474	252	3577491	48.593	ng	99
91) Dibenzo(a,h)anthracene	26.021	278	3928723	47.331	ng	99
92) Benzo(g,h,i)perylene	26.757	276	3970797	48.991	ng	98

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

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