Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
Data File : BP008875.D
Acq On : 20 Jan 2022 18:47
Operator : CG/JU
Sample : N1188-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11940MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 21 03:37:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	274729	20.000	ng		-0.01
21) Naphthalene-d8	10.646	136	974717	20.000	ng		-0.01
39) Acenaphthene-d10	14.487	164	564536	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	1059728	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1053607	20.000	ng		-0.01
86) Perylene-d12	23.751	264	1147444	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2090472	117.670	ng		0.00
7) Phenol-d6	7.028	99	2346380	109.068	ng		0.00
23) Nitrobenzene-d5	9.010	82	1656686	96.496	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1105412	134.521	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	4033683	94.226	ng		-0.01
79) Terphenyl-d14	19.804	244	5446901	87.263	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	286887	39.897	ng	#	44
3) Pyridine	3.758	79	427995	28.419	ng		98
4) n-Nitrosodimethylamine	3.658	42	329142	46.582	ng		85
6) Aniline	7.175	93	253093	9.426	ng		97
8) 2-Chlorophenol	7.416	128	868856	45.921	ng		98
9) Benzaldehyde	6.987	77	384596	26.748	ng		98
10) Phenol	7.058	94	900819	41.073	ng		95
11) bis(2-Chloroethyl)ether	7.275	93	802979	46.016	ng		98
12) 1,3-Dichlorobenzene	7.740	146	991393	43.999	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1006341	44.068	ng		99
14) 1,2-Dichlorobenzene	8.199	146	965254	44.329	ng		98
15) Benzyl Alcohol	8.093	79	691955	45.848	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	893958	45.810	ng		99
17) 2-Methylphenol	8.305	107	656069	44.651	ng		97
18) Hexachloroethane	8.928	117	349091	45.039	ng		98
19) n-Nitroso-di-n-propyla...	8.663	70	578727	46.020	ng		96
20) 3+4-Methylphenols	8.634	107	865667	44.380	ng		98
22) Acetophenone	8.675	105	1241780	50.011	ng	#	97
24) Nitrobenzene	9.052	77	866951	49.991	ng		97
25) Isophorone	9.581	82	1513439	48.779	ng		98
26) 2-Nitrophenol	9.763	139	461795	50.651	ng		94
27) 2,4-Dimethylphenol	9.834	122	745352	47.949	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	977785	48.294	ng		99
29) 2,4-Dichlorophenol	10.304	162	817331	48.182	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	948449	47.732	ng		99
31) Naphthalene	10.699	128	2524642	47.688	ng		100
32) Benzoic acid	10.010	122	469849	52.667	ng		96
33) 4-Chloroaniline	10.822	127	93730	4.345	ng		97
34) Hexachlorobutadiene	10.987	225	589505	47.485	ng		99
35) Caprolactam	11.610	113	191611	40.975	ng		92
36) 4-Chloro-3-methylphenol	11.951	107	728985	47.635	ng		99
37) 2-Methylnaphthalene	12.310	142	1842947	47.620	ng		98
38) 1-Methylnaphthalene	12.528	142	1684115	47.409	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	1060179	51.506	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1254078	119.069	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	649572	51.040	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	689636	50.348	ng		98
46) 1,1'-Biphenyl	13.322	154	2338656	50.917	ng		100
47) 2-Chloronaphthalene	13.363	162	1791791	50.593	ng		99
48) 2-Nitroaniline	13.569	65	413169	52.542	ng		94
49) Acenaphthylene	14.210	152	2680745	50.101	ng		100
50) Dimethylphthalate	13.951	163	2081427	49.644	ng		100
51) 2,6-Dinitrotoluene	14.063	165	458036	51.510	ng		90
52) Acenaphthene	14.551	154	1625890	51.233	ng		99
53) 3-Nitroaniline	14.398	138	119064	13.615	ng		98
54) 2,4-Dinitrophenol	14.610	184	547503	152.243	ng		95
55) Dibenzofuran	14.887	168	2591327	50.111	ng		98
56) 4-Nitrophenol	14.722	139	666077	105.770	ng		92
57) 2,4-Dinitrotoluene	14.857	165	610009	53.333	ng	#	90
58) Fluorene	15.539	166	2077268	50.858	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	571598m	50.659	ng		
60) Diethylphthalate	15.316	149	1995944	50.171	ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	1108337	49.813	ng		99
62) 4-Nitroaniline	15.563	138	411559	48.592	ng		89
63) Azobenzene	15.828	77	1705878	51.649	ng		95
65) 4,6-Dinitro-2-methylph...	15.628	198	334406	63.161	ng		95
66) n-Nitrosodiphenylamine	15.751	169	1737022	50.929	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	680958	51.460	ng		98
68) Hexachlorobenzene	16.551	284	763722	50.366	ng		97
69) Atrazine	16.710	200	570432	45.006	ng		98
70) Pentachlorophenol	16.898	266	955606	118.310	ng		99
71) Phenanthrene	17.286	178	3081901	51.653	ng		99
72) Anthracene	17.375	178	3129377	52.283	ng		100
73) Carbazole	17.645	167	2691549	52.297	ng		99
74) Di-n-butylphthalate	18.204	149	3281181	52.977	ng		99
75) Fluoranthene	19.257	202	3539274	53.341	ng		96
77) Benzidine	19.433	184	794897	21.356	ng		98
78) Pyrene	19.610	202	3639815	49.511	ng		98
80) Butylbenzylphthalate	20.480	149	1467030	49.617	ng		99
81) Benzo(a)anthracene	21.322	228	3621822	51.096	ng		98
82) 3,3'-Dichlorobenzidine	21.251	252	779534	25.456	ng		98
83) Chrysene	21.369	228	3496531	50.886	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	2196819	47.978	ng		96
85) Di-n-octyl phthalate	22.174	149	3823904	49.368	ng		99
87) Indeno(1,2,3-cd)pyrene	26.274	276	5251693	55.543	ng		98
88) Benzo(b)fluoranthene	23.016	252	4062044	53.009	ng		99
89) Benzo(k)fluoranthene	23.063	252	3862908	52.078	ng		98
90) Benzo(a)pyrene	23.645	252	3930546	53.141	ng		99
91) Dibenzo(a,h)anthracene	26.292	278	4463122	55.512	ng		99
92) Benzo(g,h,i)perylene	27.057	276	4381091	55.811	ng		99

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

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