Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009326.D
Acq On : 09 Mar 2022 16:28
Operator : CG/JU
Sample : N1851-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUM-36MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 04:10:10 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	499569	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2165977	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1382627	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2932396	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2919221	20.000	ng	0.00
86) Perylene-d12	23.727	264	2753877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	4270842	124.789	ng	0.00
7) Phenol-d6	6.999	99	5613967	129.080	ng	0.01
23) Nitrobenzene-d5	8.975	82	3449062	87.706	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2519938	150.937	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	7733785	76.923	ng	0.00
79) Terphenyl-d14	19.792	244	11639606	75.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	440335	30.226	ng	99
3) Pyridine	3.734	79	1302993	41.965	ng	99
4) n-Nitrosodimethylamine	3.646	42	584953	45.172	ng	97
6) Aniline	7.146	93	1934805	35.121	ng	98
8) 2-Chlorophenol	7.387	128	1831774	52.251	ng	98
9) Benzaldehyde	6.958	77	1054291m	38.046	ng	
10) Phenol	7.022	94	2425158	53.848	ng	98
11) bis(2-Chloroethyl)ether	7.246	93	1671950	47.970	ng	98
12) 1,3-Dichlorobenzene	7.710	146	1800122	43.583	ng	98
13) 1,4-Dichlorobenzene	7.852	146	1851367	44.178	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1795012	44.817	ng	99
15) Benzyl Alcohol	8.058	79	1615270	52.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1919869	42.436	ng	98
17) 2-Methylphenol	8.263	107	1549111	53.137	ng	99
18) Hexachloroethane	8.899	117	642864	44.076	ng	98
19) n-Nitroso-di-n-propyla...	8.634	70	1317581	50.230	ng	98
20) 3+4-Methylphenols	8.593	107	2106758	53.923	ng	97
22) Acetophenone	8.640	105	2577806	44.522	ng	99
24) Nitrobenzene	9.016	77	1963339	47.109	ng	97
25) Isophorone	9.546	82	3718593	50.553	ng	99
26) 2-Nitrophenol	9.722	139	971128	60.151	ng	97
27) 2,4-Dimethylphenol	9.793	122	1740824	49.024	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	2260880	46.967	ng	99
29) 2,4-Dichlorophenol	10.263	162	1793880	52.378	ng	99
30) 1,2,4-Trichlorobenzene	10.481	180	1821477	45.440	ng	99
31) Naphthalene	10.663	128	5395189	44.979	ng	100
32) Benzoic acid	9.963	122	1348866	74.792	ng	96
33) 4-Chloroaniline	10.769	127	1114036	22.715	ng	99
34) Hexachlorobutadiene	10.957	225	1139892	46.696	ng	99
35) Caprolactam	11.569	113	582694m	57.802	ng	
36) 4-Chloro-3-methylphenol	11.904	107	1900295	53.154	ng	100
37) 2-Methylnaphthalene	12.275	142	3856443	45.251	ng	100
38) 1-Methylnaphthalene	12.498	142	3714575	47.327	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	2116281	45.420	ng	99
41) Hexachlorocyclopentadiene	12.634	237	1861332	63.073	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	1484040	53.046	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1619893	52.788	ng	97
46) 1,1'-Biphenyl	13.293	154	4993878	44.239	ng	99
47) 2-Chloronaphthalene	13.328	162	3904270	45.662	ng	99
48) 2-Nitroaniline	13.534	65	1161683	59.090	ng	98
49) Acenaphthylene	14.181	152	6539471	49.499	ng	100
50) Dimethylphthalate	13.922	163	4908123	48.129	ng	100
51) 2,6-Dinitrotoluene	14.034	165	1107475	54.993	ng	97
52) Acenaphthene	14.522	154	4309713m	50.900	ng	
53) 3-Nitroaniline	14.357	138	938232	43.860	ng	96
54) 2,4-Dinitrophenol	14.569	184	1076747	124.870	ng	97
55) Dibenzofuran	14.857	168	5927453	46.214	ng	97
56) 4-Nitrophenol	14.681	139	2067662	116.226	ng	97
57) 2,4-Dinitrotoluene	14.822	165	1523242	59.074	ng	97
58) Fluorene	15.510	166	4688750	46.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1404674	54.364	ng	96
60) Diethylphthalate	15.292	149	4994699	50.306	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	2452064	47.928	ng	96
62) 4-Nitroaniline	15.528	138	1148913	55.386	ng	99
63) Azobenzene	15.804	77	4682896	48.008	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	705044	54.662	ng	95
66) n-Nitrosodiphenylamine	15.722	169	4240263	46.065	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	1637653	51.763	ng	95
68) Hexachlorobenzene	16.528	284	1837728	49.524	ng	96
69) Atrazine	16.686	200	1566977	48.359	ng	100
70) Pentachlorophenol	16.869	266	2479108	111.000	ng	99
71) Phenanthrene	17.263	178	7780464	46.168	ng	100
72) Anthracene	17.351	178	7753254	46.221	ng	99
73) Carbazole	17.622	167	7157795	46.830	ng	99
74) Di-n-butylphthalate	18.192	149	8767645	51.827	ng	99
75) Fluoranthene	19.239	202	9902004	50.905	ng	99
77) Benzidine	19.422	184	4954139	48.621	ng	100
78) Pyrene	19.592	202	9975599	50.612	ng	98
80) Butylbenzylphthalate	20.475	149	4242496	59.634	ng	99
81) Benzo(a)anthracene	21.310	228	9735018	49.201	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	3235109	44.541	ng	98
83) Chrysene	21.363	228	9017804	46.942	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	6671435	58.634	ng	99
85) Di-n-octyl phthalate	22.174	149	10711237	57.500	ng	98
87) Indeno(1,2,3-cd)pyrene	26.245	276	9008206	42.102	ng	98
88) Benzo(b)fluoranthene	23.004	252	9930296	53.407	ng	99
89) Benzo(k)fluoranthene	23.051	252	8563335	48.207	ng	98
90) Benzo(a)pyrene	23.627	252	8804433	49.925	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	7600924	41.895	ng	98
92) Benzo(g,h,i)perylene	27.009	276	7676236	42.828	ng	98

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

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