Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009345.D
Acq On : 10 Mar 2022 15:35
Operator : CG/JU
Sample : N1864-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Mar 11 05:01:10 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	399458	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1341529	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	682294	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1244822	20.000	ng		0.00
76) Chrysene-d12	21.321	240	1422602	20.000	ng		0.00
86) Perylene-d12	23.727	264	1931341	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2326585	85.017	ng		0.00
7) Phenol-d6	6.993	99	2708048	77.870	ng		0.00
23) Nitrobenzene-d5	8.969	82	1714063	70.374	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	856430	103.952	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3435012	69.235	ng		0.00
79) Terphenyl-d14	19.786	244	4408543	58.481	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	466649	40.060	ng		99
3) Pyridine	3.740	79	1111559	44.771	ng		100
4) n-Nitrosodimethylamine	3.652	42	489281	47.254	ng		98
6) Aniline	7.146	93	877965	19.931	ng		99
8) 2-Chlorophenol	7.387	128	1202706	42.905	ng		97
9) Benzaldehyde	6.957	77	741297m	33.456	ng		
10) Phenol	7.022	94	1395463	38.750	ng		98
11) bis(2-Chloroethyl)ether	7.246	93	1171498	42.035	ng		98
12) 1,3-Dichlorobenzene	7.710	146	1453399	44.008	ng		99
13) 1,4-Dichlorobenzene	7.852	146	1456054	43.453	ng		100
14) 1,2-Dichlorobenzene	8.169	146	1369490	42.762	ng		99
15) Benzyl Alcohol	8.057	79	985287	40.174	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1278514	35.342	ng		98
17) 2-Methylphenol	8.263	107	904455	38.800	ng		99
18) Hexachloroethane	8.899	117	514429	44.110	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	808255	38.536	ng		98
20) 3+4-Methylphenols	8.593	107	1186407	37.977	ng		100
22) Acetophenone	8.640	105	1631603	45.498	ng	#	98
24) Nitrobenzene	9.010	77	1225985	47.495	ng		98
25) Isophorone	9.546	82	2106513	46.237	ng		99
26) 2-Nitrophenol	9.722	139	597508	59.753	ng		97
27) 2,4-Dimethylphenol	9.793	122	938328	42.664	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	1314432	44.087	ng		99
29) 2,4-Dichlorophenol	10.263	162	959868	45.250	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	1184215	47.698	ng		99
31) Naphthalene	10.663	128	3333912	44.876	ng		100
32) Benzoic acid	9.934	122	623605	55.828	ng		95
33) 4-Chloroaniline	10.769	127	274408	9.034	ng		97
34) Hexachlorobutadiene	10.957	225	774954	51.256	ng		99
35) Caprolactam	11.557	113	266010	42.604	ng		94
36) 4-Chloro-3-methylphenol	11.904	107	907102	40.966	ng		99
37) 2-Methylnaphthalene	12.275	142	2127888	40.313	ng		99
38) 1-Methylnaphthalene	12.492	142	2035807	41.878	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	1173288	51.029	ng		99
41) Hexachlorocyclopentadiene	12.634	237	1558380	107.010	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	711630	51.546	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	747137	49.338	ng	98
46) 1,1'-Biphenyl	13.292	154	2618917	47.013	ng	99
47) 2-Chloronaphthalene	13.328	162	2034246	48.212	ng	99
48) 2-Nitroaniline	13.528	65	523716	53.983	ng	96
49) Acenaphthylene	14.175	152	3205486	49.168	ng	100
50) Dimethylphthalate	13.916	163	2262276	44.955	ng	100
51) 2,6-Dinitrotoluene	14.028	165	495967	49.907	ng	98
52) Acenaphthene	14.522	154	2121762m	50.780	ng	
53) 3-Nitroaniline	14.351	138	244670	23.178	ng	99
54) 2,4-Dinitrophenol	14.563	184	562058	132.086	ng	97
55) Dibenzofuran	14.857	168	2829083	44.698	ng	99
56) 4-Nitrophenol	14.669	139	867070	98.767	ng	99
57) 2,4-Dinitrotoluene	14.816	165	648012	50.927	ng	97
58) Fluorene	15.510	166	2186069	44.104	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	618812	48.532	ng	95
60) Diethylphthalate	15.286	149	2140062	43.678	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	1127793	44.670	ng	98
62) 4-Nitroaniline	15.522	138	483402	47.223	ng	98
63) Azobenzene	15.798	77	2032897	42.233	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	351142	64.131	ng	94
66) n-Nitrosodiphenylamine	15.722	169	1871059	47.883	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	695865	51.813	ng	96
68) Hexachlorobenzene	16.522	284	799535	50.756	ng	97
69) Atrazine	16.680	200	652501	47.437	ng	98
70) Pentachlorophenol	16.869	266	1009339	106.458	ng	98
71) Phenanthrene	17.257	178	3278521	45.827	ng	100
72) Anthracene	17.351	178	3348233	47.020	ng	99
73) Carbazole	17.622	167	3079443	47.460	ng	99
74) Di-n-butylphthalate	18.186	149	3424855	47.690	ng	99
75) Fluoranthene	19.233	202	3896909	47.193	ng	99
77) Benzidine	19.410	184	1263274	25.441	ng	100
78) Pyrene	19.586	202	4055100	42.218	ng	100
80) Butylbenzylphthalate	20.474	149	1627010	46.930	ng	95
81) Benzo(a)anthracene	21.310	228	4572969	47.426	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	1359019	38.396	ng	99
83) Chrysene	21.363	228	4320967	46.155	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2356129	42.493	ng	100
85) Di-n-octyl phthalate	22.174	149	4495599	49.522	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	7132872	47.535	ng	97
88) Benzo(b)fluoranthene	22.998	252	5735492	43.983	ng	99
89) Benzo(k)fluoranthene	23.045	252	5394751	43.304	ng	98
90) Benzo(a)pyrene	23.621	252	5680370	45.928	ng	98
91) Dibenzo(a,h)anthracene	26.256	278	6215473	48.849	ng	98
92) Benzo(g,h,i)perylene	27.009	276	6202126	49.341	ng	97

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

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