Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009641.D
Acq On : 31 Mar 2022 16:08
Operator : CG/JU
Sample : N2202-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHFMS

Quant Time: Apr 01 04:10:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	251266	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1005714	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	464041	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	953607	20.000	ng		0.00
76) Chrysene-d12	21.280	240	1053576	20.000	ng		0.00
86) Perylene-d12	23.657	264	1220589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	2048798	142.362	ng		0.00
7) Phenol-d6	6.934	99	2615766	134.401	ng		0.00
23) Nitrobenzene-d5	8.899	82	1648523	87.106	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	999495	130.525	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2900692	86.656	ng		0.00
79) Terphenyl-d14	19.739	244	4405540	75.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	219459	38.500	ng		98
3) Pyridine	3.658	79	686296	44.703	ng		98
4) n-Nitrosodimethylamine	3.575	42	294989	52.173	ng		99
6) Aniline	7.075	93	733774	33.080	ng		97
8) 2-Chlorophenol	7.311	128	852563	51.952	ng		99
9) Benzaldehyde	6.887	77	398249	43.427	ng		97
10) Phenol	6.964	94	1074180	55.014	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	776728	50.265	ng		97
12) 1,3-Dichlorobenzene	7.628	146	902394	48.721	ng		99
13) 1,4-Dichlorobenzene	7.775	146	921578	48.665	ng		99
14) 1,2-Dichlorobenzene	8.093	146	885600	48.383	ng		99
15) Benzyl Alcohol	7.987	79	725205	46.735	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	887842	53.003	ng		97
17) 2-Methylphenol	8.205	107	688597	51.177	ng		100
18) Hexachloroethane	8.810	117	309376	46.615	ng		97
19) n-Nitroso-di-n-propyla...	8.552	70	599890	48.732	ng		98
20) 3+4-Methylphenols	8.534	107	931240	50.334	ng		99
22) Acetophenone	8.563	105	1191167	47.853	ng		99
24) Nitrobenzene	8.940	77	901923	50.448	ng		99
25) Isophorone	9.475	82	1678938	52.008	ng		98
26) 2-Nitrophenol	9.652	139	454320	48.753	ng		97
27) 2,4-Dimethylphenol	9.728	122	777059	59.094	ng		100
28) bis(2-Chloroethoxy)met...	9.952	93	1015382	48.307	ng		99
29) 2,4-Dichlorophenol	10.199	162	798343	49.773	ng		99
30) 1,2,4-Trichlorobenzene	10.405	180	861595	46.364	ng		99
31) Naphthalene	10.581	128	2488329	48.033	ng		100
32) Benzoic acid	9.934	122	522082	50.782	ng		97
33) 4-Chloroaniline	10.705	127	416377	19.697	ng		98
34) Hexachlorobutadiene	10.869	225	547649	43.494	ng		99
35) Caprolactam	11.504	113	245348	45.324	ng		96
36) 4-Chloro-3-methylphenol	11.857	107	795421	46.150	ng		99
37) 2-Methylnaphthalene	12.204	142	1418314	39.021	ng		99
38) 1-Methylnaphthalene	12.422	142	1249491	35.287	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	782014	50.792	ng	#	98
41) Hexachlorocyclopentadiene	12.557	237	140016	26.277	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	505408	49.525	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	547083	49.367	ng		96
46) 1,1'-Biphenyl	13.222	154	1707509	49.325	ng		98
47) 2-Chloronaphthalene	13.263	162	1333323	48.921	ng		100
48) 2-Nitroaniline	13.475	65	361075	48.642	ng		91
49) Acenaphthylene	14.110	152	2187161	51.984	ng		100
50) Dimethylphthalate	13.857	163	1643074	46.729	ng		100
51) 2,6-Dinitrotoluene	13.975	165	370168	50.246	ng		93
52) Acenaphthene	14.457	154	1225824	48.773	ng		99
53) 3-Nitroaniline	14.310	138	204548	26.287	ng		93
54) 2,4-Dinitrophenol	14.540	184	150555	35.557	ng		95
55) Dibenzofuran	14.793	168	1995672	47.265	ng		100
56) 4-Nitrophenol	14.651	139	569210	98.134	ng		96
57) 2,4-Dinitrotoluene	14.781	165	496371	49.001	ng		95
58) Fluorene	15.451	166	1585411	47.742	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	478109	47.589	ng		91
60) Diethylphthalate	15.228	149	1631611	46.364	ng		99
61) 4-Chlorophenyl-phenyle...	15.440	204	864056	47.235	ng		97
62) 4-Nitroaniline	15.481	138	334542	40.937	ng		97
63) Azobenzene	15.740	77	1392712	45.494	ng		94
65) 4,6-Dinitro-2-methylph...	15.557	198	120890	19.715	ng		92
66) n-Nitrosodiphenylamine	15.663	169	1409728	49.955	ng		98
67) 4-Bromophenyl-phenylether	16.340	248	571136	48.945	ng		94
68) Hexachlorobenzene	16.469	284	681734	50.763	ng	#	93
69) Atrazine	16.628	200	532768	53.697	ng		98
70) Pentachlorophenol	16.822	266	727396	101.323	ng		99
71) Phenanthrene	17.198	178	2465815	48.305	ng		99
72) Anthracene	17.292	178	2534375	50.286	ng		99
73) Carbazole	17.569	167	2264646	45.946	ng		100
74) Di-n-butylphthalate	18.128	149	2787751	48.265	ng		99
75) Fluoranthene	19.186	202	2918241	47.221	ng		98
77) Benzidine	19.369	184	2327337	90.121	ng		99
78) Pyrene	19.539	202	2954603	42.558	ng		100
80) Butylbenzylphthalate	20.422	149	1192406	40.408	ng		91
81) Benzo(a)anthracene	21.263	228	3382742	48.870	ng		100
82) 3,3'-Dichlorobenzidine	21.192	252	1252720	46.848	ng		99
83) Chrysene	21.316	228	3097655	47.260	ng		99
84) Bis(2-ethylhexyl)phtha...	21.192	149	2030656	49.370	ng		99
85) Di-n-octyl phthalate	22.110	149	3650378	51.489	ng		97
87) Indeno(1,2,3-cd)pyrene	26.157	276	4224330	45.618	ng		96
88) Benzo(b)fluoranthene	22.939	252	3772669	51.776	ng		98
89) Benzo(k)fluoranthene	22.986	252	3446532	48.309	ng		98
90) Benzo(a)pyrene	23.557	252	3452315	55.377	ng		99
91) Dibenzo(a,h)anthracene	26.168	278	3699184	47.931	ng		97
92) Benzo(g,h,i)perylene	26.915	276	3248022	42.780	ng	#	94

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

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