Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
Data File : BM029596.D
Acq On : 22 Apr 2021 16:24
Operator : CG/JU
Sample : PB135915BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB135915BS

Quant Time: Apr 22 17:46:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	73195	20.00	ng	0.00
21) Naphthalene-d8	10.416	136	263759	20.00	ng	0.00
39) Acenaphthene-d10	14.280	164	173668	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	328277	20.00	ng	0.00
76) Chrysene-d12	21.203	240	301669	20.00	ng	0.00
86) Perylene-d12	23.391	264	307060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	525536	143.94	ng	0.00
7) Phenol-d6	6.816	99	653395	119.82	ng	0.00
23) Nitrobenzene-d5	8.786	82	439776	85.87	ng	0.00
42) 2,4,6-Tribromophenol	15.774	330	281876	117.36	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1133586	88.59	ng	0.00
79) Terphenyl-d14	19.656	244	1454362	91.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	57497	39.06	ng	98
3) Pyridine	3.569	79	148659	39.63	ng	98
4) n-Nitrosodimethylamine	3.481	42	89150	48.43	ng	95
6) Aniline	6.969	93	225849	37.67	ng	99
8) 2-Chlorophenol	7.204	128	201105	44.30	ng	100
9) Benzaldehyde	6.781	77	78767	25.41	ng	98
10) Phenol	6.839	94	240360	45.48	ng	98
11) bis(2-Chloroethyl)ether	7.069	93	177673	44.07	ng	98
12) 1,3-Dichlorobenzene	7.522	146	239388	45.76	ng	99
13) 1,4-Dichlorobenzene	7.669	146	242046	45.19	ng	98
14) 1,2-Dichlorobenzene	7.981	146	233633	43.75	ng	99
15) Benzyl Alcohol	7.881	79	172825	43.62	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.163	45	219269	41.26	ng	97
17) 2-Methylphenol	8.081	107	159071	43.20	ng	98
18) Hexachloroethane	8.704	117	89004	46.01	ng	99
19) n-Nitroso-di-n-propyla...	8.445	70	149139	37.50	ng	99
20) 3+4-Methylphenols	8.410	107	212595	41.97	ng	98
22) Acetophenone	8.457	105	289707	45.81	ng	99
24) Nitrobenzene	8.828	77	227077	43.84	ng	98
25) Isophorone	9.357	82	387257	40.24	ng	99
26) 2-Nitrophenol	9.533	139	104835	42.49	ng	99
27) 2,4-Dimethylphenol	9.604	122	175243	50.69	ng	98
28) bis(2-Chloroethoxy)met...	9.839	93	230519	48.48	ng	99
29) 2,4-Dichlorophenol	10.069	162	205630	45.10	ng	96
30) 1,2,4-Trichlorobenzene	10.280	180	239327	45.57	ng	98
31) Naphthalene	10.463	128	600135	44.25	ng	99
32) Benzoic acid	9.751	122	105797	36.91	ng	98
33) 4-Chloroaniline	10.580	127	105802	19.78	ng	99
34) Hexachlorobutadiene	10.751	225	151491	45.31	ng	99
35) Caprolactam	11.369	113	50012	36.22	ng	95
36) 4-Chloro-3-methylphenol	11.710	107	183586	41.20	ng	99
37) 2-Methylnaphthalene	12.080	142	449917	41.44	ng	99
38) 1-Methylnaphthalene	12.304	142	416650	40.25	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	259418	49.82	ng	99
41) Hexachlorocyclopentadiene	12.439	237	348326	119.85	ng	99
43) 2,4,6-Trichlorophenol	12.704	196	171545	47.91	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.774	196	183205	46.35	ng		98
46) 1,1'-Biphenyl	13.110	154	598837	47.17	ng		99
47) 2-Chloronaphthalene	13.145	162	469000	46.17	ng		99
48) 2-Nitroaniline	13.357	65	116691	41.52	ng		98
49) Acenaphthylene	13.998	152	745226	47.84	ng		100
50) Dimethylphthalate	13.745	163	568759	43.33	ng		99
51) 2,6-Dinitrotoluene	13.863	165	120964	41.87	ng		95
52) Acenaphthene	14.345	154	449266	46.04	ng		98
53) 3-Nitroaniline	14.192	138	63557	25.20	ng		95
54) 2,4-Dinitrophenol	14.398	184	138847	75.64	ng		93
55) Dibenzofuran	14.680	168	706228	42.86	ng		97
56) 4-Nitrophenol	14.510	139	184814	86.47	ng		98
57) 2,4-Dinitrotoluene	14.651	165	161904	41.49	ng	#	99
58) Fluorene	15.327	166	585719	42.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.910	232	150893	42.91	ng		99
60) Diethylphthalate	15.115	149	543625	42.19	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	299140	42.73	ng		96
62) 4-Nitroaniline	15.357	138	100672	35.90	ng		99
63) Azobenzene	15.621	77	508678	41.58	ng		99
65) 4,6-Dinitro-2-methylph...	15.415	198	86770	39.76	ng		96
66) n-Nitrosodiphenylamine	15.545	169	490291	48.31	ng		100
67) 4-Bromophenyl-phenylether	16.221	248	168211	49.07	ng		98
68) Hexachlorobenzene	16.333	284	186934	47.96	ng		99
69) Atrazine	16.498	200	178443	49.29	ng		99
70) Pentachlorophenol	16.674	266	240484	94.77	ng		97
71) Phenanthrene	17.062	178	858734	45.43	ng		99
72) Anthracene	17.156	178	884446	47.43	ng		99
73) Carbazole	17.427	167	748564	42.85	ng		99
74) Di-n-butylphthalate	17.998	149	870477	45.89	ng		100
75) Fluoranthene	19.080	202	950034	41.45	ng		99
77) Benzidine	19.274	184	338227	52.96	ng		99
78) Pyrene	19.445	202	987757	50.89	ng		100
80) Butylbenzylphthalate	20.350	149	358134	49.29	ng		99
81) Benzo(a)anthracene	21.186	228	915775	45.89	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	263787	41.37	ng		99
83) Chrysene	21.239	228	884786	45.12	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	552468	47.45	ng		98
85) Di-n-octyl phthalate	21.997	149	892358	45.67	ng		100
87) Indeno(1,2,3-cd)pyrene	25.597	276	1357595	57.18	ng		100
88) Benzo(b)fluoranthene	22.738	252	954801	47.68	ng		100
89) Benzo(k)fluoranthene	22.785	252	904136	45.05	ng		100
90) Benzo(a)pyrene	23.297	252	856222	45.54	ng		99
91) Dibenzo(a,h)anthracene	25.609	278	1135362	55.46	ng		99
92) Benzo(g,h,i)perylene	26.268	276	1127975	59.58	ng		99

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

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