Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036038.D
Acq On : 01 Aug 2022 19:54
Operator : CG/JU
Sample : PB146536BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 02 07:44:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146536BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	395485	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1670635	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	914657	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1620366	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1194153	20.000	ng		0.00
86) Perylene-d12	23.791	264	1013244	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	3268883	134.005	ng		0.00
7) Phenol-d6	7.045	99	3943364	127.045	ng		0.00
23) Nitrobenzene-d5	9.045	82	2395080	80.250	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1303256	121.458	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	5221935	84.294	ng		0.00
79) Terphenyl-d14	19.874	244	6111076	100.940	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	293240	29.832	ng		92
3) Pyridine	3.710	79	824294	31.272	ng		90
4) n-Nitrosodimethylamine	3.622	42	477422	44.077	ng	#	70
6) Aniline	7.204	93	1597385	46.473	ng		96
8) 2-Chlorophenol	7.434	128	1223167	47.029	ng		97
9) Benzaldehyde	7.010	77	563745	34.307	ng		94
10) Phenol	7.075	94	1481288	47.396	ng		91
11) bis(2-Chloroethyl)ether	7.304	93	1173687	45.588	ng		96
12) 1,3-Dichlorobenzene	7.757	146	1263933	43.854	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1292951	43.990	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1253783	44.210	ng		99
15) Benzyl Alcohol	8.122	79	955065m	45.853	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1607574	46.958	ng		97
17) 2-Methylphenol	8.322	107	965165	46.653	ng		95
18) Hexachloroethane	8.951	117	487806	46.104	ng		94
19) n-Nitroso-di-n-propyla...	8.692	70	868191	46.049	ng		89
20) 3+4-Methylphenols	8.657	107	1282664	45.634	ng		97
22) Acetophenone	8.704	105	1729516	43.733	ng	#	93
24) Nitrobenzene	9.087	77	1279693	45.610	ng		96
25) Isophorone	9.616	82	2325059	47.888	ng		98
26) 2-Nitrophenol	9.792	139	597630	45.160	ng		95
27) 2,4-Dimethylphenol	9.857	122	1048302	51.137	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	1522023	44.001	ng		100
29) 2,4-Dichlorophenol	10.328	162	1054981	45.762	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	1102024	42.183	ng		98
31) Naphthalene	10.728	128	3633518	43.746	ng		99
32) Benzoic acid	10.016	122	682319	41.989	ng		95
33) 4-Chloroaniline	10.845	127	1066471	31.860	ng		96
34) Hexachlorobutadiene	11.010	225	664127	43.261	ng		98
35) Caprolactam	11.651	113	279091m	39.304	ng		
36) 4-Chloro-3-methylphenol	11.969	107	1050562	43.355	ng		100
37) 2-Methylnaphthalene	12.339	142	2442577	44.192	ng		97
38) 1-Methylnaphthalene	12.557	142	2311808	42.710	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1161146	46.825	ng		98
41) Hexachlorocyclopentadiene	12.680	237	1642501	125.063	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	780179	46.237	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	825161	46.326	ng	98
46) 1,1'-Biphenyl	13.351	154	3069522	46.049	ng	99
47) 2-Chloronaphthalene	13.392	162	2321452	45.503	ng	99
48) 2-Nitroaniline	13.598	65	636333	45.769	ng	92
49) Acenaphthylene	14.233	152	3624718	45.963	ng	100
50) Dimethylphthalate	13.980	163	2691059	43.264	ng	99
51) 2,6-Dinitrotoluene	14.098	165	582201	46.651	ng	93
52) Acenaphthene	14.574	154	2545509m	49.344	ng	
53) 3-Nitroaniline	14.421	138	480805	33.021	ng	97
54) 2,4-Dinitrophenol	14.627	184	614672	93.075	ng	93
55) Dibenzofuran	14.910	168	3349002	43.352	ng	98
56) 4-Nitrophenol	14.733	139	1036782	88.979	ng	88
57) 2,4-Dinitrotoluene	14.880	165	758065	46.343	ng	98
58) Fluorene	15.557	166	2670006	43.815	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.133	232	659155	43.686	ng	98
60) Diethylphthalate	15.339	149	2722537	42.593	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1317255	43.351	ng	97
62) 4-Nitroaniline	15.586	138	597896	39.915	ng	91
63) Azobenzene	15.845	77	2667235	43.893	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	352612	42.560	ng	94
66) n-Nitrosodiphenylamine	15.768	169	2221993	48.576	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	778798	48.051	ng	95
68) Hexachlorobenzene	16.551	284	904642	48.645	ng	93
69) Atrazine	16.721	200	725672	56.696	ng	98
70) Pentachlorophenol	16.898	266	1067700	98.031	ng	99
71) Phenanthrene	17.292	178	3786102	45.863	ng	99
72) Anthracene	17.380	178	3773684	47.217	ng	98
73) Carbazole	17.657	167	3410941	42.121	ng	99
74) Di-n-butylphthalate	18.221	149	4359819	45.101	ng	99
75) Fluoranthene	19.304	202	3890368	42.100	ng	98
77) Benzidine	19.498	184	1819256	101.585	ng	99
78) Pyrene	19.668	202	3927561	53.040	ng	99
80) Butylbenzylphthalate	20.568	149	1602865	50.152	ng	99
81) Benzo(a)anthracene	21.415	228	3406824	46.318	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1069306	59.872	ng	99
83) Chrysene	21.468	228	3184324	45.544	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2413740	50.061	ng	100
85) Di-n-octyl phthalate	22.262	149	3606915	45.837	ng	95
87) Indeno(1,2,3-cd)pyrene	26.256	276	3200238	44.944	ng	98
88) Benzo(b)fluoranthene	23.074	252	3131921	52.757	ng	99
89) Benzo(k)fluoranthene	23.121	252	3068887	51.183	ng	98
90) Benzo(a)pyrene	23.686	252	2660194	53.408	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2855354	47.906	ng	99
92) Benzo(g,h,i)perylene	27.009	276	2777196	48.131	ng	98

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

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