Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035886.D
Acq On : 21 Jul 2022 12:46
Operator : CG/JU
Sample : PB146339BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 01:07:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146339BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	413310	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1827989	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	1065751	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	2017990	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1576902	20.000	ng		0.00
86) Perylene-d12	23.821	264	1311283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	3536767	132.662	ng		0.00
7) Phenol-d6	7.069	99	4477321	133.553	ng		0.00
23) Nitrobenzene-d5	9.069	82	2722406	79.653	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	1587700	133.185	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	6150670	81.577	ng		0.00
79) Terphenyl-d14	19.892	244	8304120	102.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	285298	25.890	ng		94
3) Pyridine	3.722	79	866589	29.590	ng		89
4) n-Nitrosodimethylamine	3.640	42	470405	38.434	ng	#	66
6) Aniline	7.222	93	1712475	46.515	ng		96
8) 2-Chlorophenol	7.457	128	1250142	45.379	ng		97
9) Benzaldehyde	7.034	77	664765	35.295	ng		96
10) Phenol	7.093	94	1596028	47.271	ng		92
11) bis(2-Chloroethyl)ether	7.328	93	1164641	42.752	ng		96
12) 1,3-Dichlorobenzene	7.787	146	1216661	39.595	ng		97
13) 1,4-Dichlorobenzene	7.934	146	1252041	40.018	ng		99
14) 1,2-Dichlorobenzene	8.251	146	1218926	40.281	ng		98
15) Benzyl Alcohol	8.145	79	1028152m	46.545	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1579637	44.538	ng		97
17) 2-Methylphenol	8.345	107	1046197	47.728	ng		96
18) Hexachloroethane	8.981	117	464386	41.259	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	912661	46.957	ng		88
20) 3+4-Methylphenols	8.675	107	1402900	47.355	ng		97
22) Acetophenone	8.728	105	1837381	40.670	ng	#	92
24) Nitrobenzene	9.110	77	1329332	41.410	ng		97
25) Isophorone	9.639	82	2522139	47.172	ng		98
26) 2-Nitrophenol	9.816	139	609768	42.167	ng		94
27) 2,4-Dimethylphenol	9.881	122	1170428	51.310	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	1570310	42.197	ng		99
29) 2,4-Dichlorophenol	10.351	162	1144212	45.241	ng		100
30) 1,2,4-Trichlorobenzene	10.563	180	1114712	38.191	ng		98
31) Naphthalene	10.757	128	3770356	40.594	ng		99
32) Benzoic acid	10.039	122	746504	43.271	ng		93
33) 4-Chloroaniline	10.869	127	1329262	35.775	ng		95
34) Hexachlorobutadiene	11.039	225	640649	38.244	ng		99
35) Caprolactam	11.663	113	356044m	46.032	ng		
36) 4-Chloro-3-methylphenol	11.992	107	1217976	46.965	ng		100
37) 2-Methylnaphthalene	12.363	142	2634554	43.604	ng		97
38) 1-Methylnaphthalene	12.580	142	2521375	42.872	ng		100
40) 1,2,4,5-Tetrachloroben...	12.727	216	1234002	40.527	ng		98
41) Hexachlorocyclopentadiene	12.710	237	1717906	104.676	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	863413	42.899	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	934768	44.048	ng	98
46) 1,1'-Biphenyl	13.374	154	3375651	41.637	ng	99
47) 2-Chloronaphthalene	13.416	162	2569538	41.236	ng	99
48) 2-Nitroaniline	13.621	65	769123	44.792	ng	91
49) Acenaphthylene	14.257	152	4169367	43.454	ng	100
50) Dimethylphthalate	14.004	163	3073396	43.812	ng	99
51) 2,6-Dinitrotoluene	14.116	165	686550	46.804	ng	93
52) Acenaphthene	14.598	154	2454999	42.712	ng	100
53) 3-Nitroaniline	14.445	138	617726	34.977	ng	94
54) 2,4-Dinitrophenol	14.645	184	708650	98.042	ng	91
55) Dibenzofuran	14.933	168	3831726	41.609	ng	99
56) 4-Nitrophenol	14.751	139	1306765	94.303	ng	88
57) 2,4-Dinitrotoluene	14.898	165	928892	48.389	ng	98
58) Fluorene	15.580	166	3167884	43.813	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	755943	44.316	ng	98
60) Diethylphthalate	15.363	149	3106054	44.685	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	1522074	43.265	ng	97
62) 4-Nitroaniline	15.604	138	784364	43.374	ng	92
63) Azobenzene	15.868	77	3096639	43.387	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	415843	41.037	ng	94
66) n-Nitrosodiphenylamine	15.792	169	2655244	44.810	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	893280	44.034	ng	94
68) Hexachlorobenzene	16.574	284	1049681	44.574	ng	91
69) Atrazine	16.739	200	864569	55.525	ng	98
70) Pentachlorophenol	16.915	266	1279784	97.937	ng	100
71) Phenanthrene	17.315	178	4650733	43.809	ng	99
72) Anthracene	17.404	178	4688777	45.440	ng	99
73) Carbazole	17.674	167	4330007	41.368	ng	100
74) Di-n-butylphthalate	18.245	149	4926117	46.223	ng	99
75) Fluoranthene	19.321	202	4957074	42.960	ng	97
77) Benzidine	19.515	184	2738631	98.918	ng	99
78) Pyrene	19.686	202	5082305	49.292	ng	98
80) Butylbenzylphthalate	20.592	149	1813945	49.284	ng	97
81) Benzo(a)anthracene	21.433	228	4435828	44.438	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	1272039	54.402	ng	100
83) Chrysene	21.486	228	4136251	43.424	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2531121	48.790	ng	99
85) Di-n-octyl phthalate	22.292	149	3652549	44.379	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	3978830	41.529	ng	98
88) Benzo(b)fluoranthene	23.097	252	3897112	49.928	ng	98
89) Benzo(k)fluoranthene	23.150	252	3990822	49.406	ng	99
90) Benzo(a)pyrene	23.715	252	3367181	50.681	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	3492847	43.871	ng	98
92) Benzo(g,h,i)perylene	27.062	276	3417568	43.527	ng	99

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

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