Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036040.D
Acq On : 01 Aug 2022 21:07
Operator : CG/JU
Sample : PB146577BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 02 07:45:30 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 :
PB146577BS

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	367143	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1607490	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	900034	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1600264	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1166438	20.000	ng		0.00
86) Perylene-d12	23.785	264	997837	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	3023052	133.494	ng		0.00
7) Phenol-d6	7.045	99	3778706	131.138	ng		0.00
23) Nitrobenzene-d5	9.045	82	2280534	79.414	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1303458	123.450	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	5112925	83.876	ng		0.00
79) Terphenyl-d14	19.874	244	6031595	101.994	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	263994	28.930	ng		94
3) Pyridine	3.710	79	765870	31.299	ng		88
4) n-Nitrosodimethylamine	3.622	42	411174	40.891	ng	#	65
6) Aniline	7.198	93	1519805	47.629	ng		95
8) 2-Chlorophenol	7.434	128	1164818	48.243	ng		96
9) Benzaldehyde	7.010	77	530772	34.794	ng		96
10) Phenol	7.069	94	1416355	48.817	ng		92
11) bis(2-Chloroethyl)ether	7.298	93	1099483	46.003	ng		96
12) 1,3-Dichlorobenzene	7.757	146	1149764	42.973	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1181787	43.312	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1152847	43.789	ng		99
15) Benzyl Alcohol	8.122	79	920771m	47.619	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1495477	47.056	ng		97
17) 2-Methylphenol	8.322	107	937790	48.829	ng		95
18) Hexachloroethane	8.951	117	444572	45.261	ng		95
19) n-Nitroso-di-n-propyla...	8.692	70	832936	47.589	ng	#	87
20) 3+4-Methylphenols	8.651	107	1252876	48.015	ng		96
22) Acetophenone	8.704	105	1660611	43.640	ng	#	92
24) Nitrobenzene	9.086	77	1213242	44.940	ng		95
25) Isophorone	9.616	82	2248978	48.141	ng		98
26) 2-Nitrophenol	9.792	139	590378	46.365	ng		91
27) 2,4-Dimethylphenol	9.857	122	1038767	52.662	ng		97
28) bis(2-Chloroethoxy)met...	10.098	93	1468020	44.107	ng		100
29) 2,4-Dichlorophenol	10.327	162	1035486	46.681	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1052526	41.871	ng		98
31) Naphthalene	10.727	128	3471369	43.435	ng		100
32) Benzoic acid	10.016	122	682704	43.663	ng		94
33) 4-Chloroaniline	10.839	127	987666	30.664	ng		96
34) Hexachlorobutadiene	11.010	225	630562	42.688	ng		97
35) Caprolactam	11.645	113	281809	41.245	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	1045328	44.834	ng		98
37) 2-Methylnaphthalene	12.339	142	2364778	44.465	ng		97
38) 1-Methylnaphthalene	12.557	142	2256715	43.330	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	1138596	46.662	ng		98
41) Hexachlorocyclopentadiene	12.680	237	1628045	125.977	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	775781	46.723	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	828712	47.281	ng	98
46) 1,1'-Biphenyl	13.351	154	3012351	45.926	ng	99
47) 2-Chloronaphthalene	13.386	162	2300239	45.820	ng	98
48) 2-Nitroaniline	13.598	65	627652	45.878	ng	92
49) Acenaphthylene	14.233	152	3565753	45.950	ng	100
50) Dimethylphthalate	13.974	163	2671525	43.648	ng	99
51) 2,6-Dinitrotoluene	14.098	165	579932	47.224	ng	89
52) Acenaphthene	14.574	154	2513833m	49.521	ng	
53) 3-Nitroaniline	14.421	138	461775	32.230	ng	95
54) 2,4-Dinitrophenol	14.627	184	624172	96.049	ng	93
55) Dibenzofuran	14.910	168	3276493	43.102	ng	97
56) 4-Nitrophenol	14.733	139	1023949	89.306	ng	86
57) 2,4-Dinitrotoluene	14.880	165	758956	47.151	ng	97
58) Fluorene	15.557	166	2635277	43.948	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	653823	44.037	ng	97
60) Diethylphthalate	15.333	149	2704195	42.993	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1314805	43.973	ng	97
62) 4-Nitroaniline	15.586	138	593898	40.293	ng	89
63) Azobenzene	15.845	77	2608997	43.633	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	363439	44.417	ng	94
66) n-Nitrosodiphenylamine	15.768	169	2207304	48.861	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	779079	48.672	ng	93
68) Hexachlorobenzene	16.551	284	904159	49.230	ng	91
69) Atrazine	16.721	200	726224	57.452	ng	98
70) Pentachlorophenol	16.898	266	1068922	99.376	ng	98
71) Phenanthrene	17.292	178	3719054	45.617	ng	99
72) Anthracene	17.380	178	3728275	47.235	ng	99
73) Carbazole	17.651	167	3332672	41.672	ng	99
74) Di-n-butylphthalate	18.221	149	4337244	45.431	ng	99
75) Fluoranthene	19.303	202	3814563	41.799	ng	99
77) Benzidine	19.492	184	1907861	109.063	ng	99
78) Pyrene	19.668	202	3861345	53.385	ng	99
80) Butylbenzylphthalate	20.568	149	1581161	50.649	ng	98
81) Benzo(a)anthracene	21.409	228	3320496	46.217	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1025178	58.765	ng	100
83) Chrysene	21.462	228	3109388	45.528	ng	100
84) Bis(2-ethylhexyl)phtha...	21.344	149	2384042	50.619	ng	98
85) Di-n-octyl phthalate	22.256	149	3549280	46.176	ng	95
87) Indeno(1,2,3-cd)pyrene	26.250	276	3138491	44.757	ng	98
88) Benzo(b)fluoranthene	23.068	252	2997034	51.264	ng	98
89) Benzo(k)fluoranthene	23.121	252	3023264	51.201	ng	99
90) Benzo(a)pyrene	23.685	252	2594095	52.885	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	2788070	47.500	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2734340	48.120	ng	99

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

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