Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036039.D
Acq On : 01 Aug 2022 20:30
Operator : CG/JU
Sample : PB146582BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB146582BS

Manual Integrations APPROVED

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

Quant Time: Aug 02 07:45:13 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	352975	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	1501701	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	828833	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1471695	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1071550	20.000	ng		0.00
86) Perylene-d12	23.785	264	906315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2834649	130.199	ng		0.00
7) Phenol-d6	7.045	99	3517450	126.971	ng		0.00
23) Nitrobenzene-d5	9.039	82	2122115	79.103	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1186269	122.003	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	4711585	83.932	ng		0.00
79) Terphenyl-d14	19.874	244	5544551	102.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	265199	30.229	ng		93
3) Pyridine	3.710	79	755258	32.104	ng	#	88
4) n-Nitrosodimethylamine	3.622	42	400576	41.436	ng	#	64
6) Aniline	7.198	93	1428490	46.564	ng		96
8) 2-Chlorophenol	7.434	128	1087620	46.854	ng		95
9) Benzaldehyde	7.010	77	498959	34.021	ng		95
10) Phenol	7.069	94	1313211	47.079	ng		92
11) bis(2-Chloroethyl)ether	7.298	93	1029213	44.791	ng		96
12) 1,3-Dichlorobenzene	7.757	146	1107827	43.067	ng		97
13) 1,4-Dichlorobenzene	7.904	146	1130330	43.089	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1101014	43.499	ng		99
15) Benzyl Alcohol	8.122	79	857423m	46.122	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1416512	46.360	ng		97
17) 2-Methylphenol	8.322	107	869158	47.072	ng		95
18) Hexachloroethane	8.951	117	427582	45.279	ng		96
19) n-Nitroso-di-n-propyla...	8.692	70	773872	45.989	ng		88
20) 3+4-Methylphenols	8.651	107	1153786	45.993	ng		96
22) Acetophenone	8.704	105	1552168	43.664	ng	#	92
24) Nitrobenzene	9.080	77	1127719	44.715	ng		97
25) Isophorone	9.610	82	2086410	47.807	ng		98
26) 2-Nitrophenol	9.792	139	545301	45.842	ng		92
27) 2,4-Dimethylphenol	9.857	122	954453	51.797	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	1359671	43.730	ng		99
29) 2,4-Dichlorophenol	10.327	162	956491	46.157	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	983603	41.885	ng		97
31) Naphthalene	10.727	128	3231243	43.279	ng		99
32) Benzoic acid	10.010	122	627165	42.936	ng		92
33) 4-Chloroaniline	10.839	127	942029	31.308	ng		96
34) Hexachlorobutadiene	11.004	225	593082	42.979	ng		98
35) Caprolactam	11.645	113	253984	39.791	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	960015	44.076	ng		100
37) 2-Methylnaphthalene	12.339	142	2205576	44.393	ng		97
38) 1-Methylnaphthalene	12.557	142	2074511	42.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1047190	46.603	ng		98
41) Hexachlorocyclopentadiene	12.680	237	1511872	127.037	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	708938	46.365	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	757488	46.930	ng	98
46) 1,1'-Biphenyl	13.351	154	2773351	45.914	ng	100
47) 2-Chloronaphthalene	13.386	162	2116122	45.774	ng	98
48) 2-Nitroaniline	13.598	65	580819	46.101	ng	95
49) Acenaphthylene	14.233	152	3285973	45.982	ng	100
50) Dimethylphthalate	13.974	163	2452935	43.520	ng	99
51) 2,6-Dinitrotoluene	14.092	165	531848	47.029	ng	95
52) Acenaphthene	14.574	154	2300495m	49.212	ng	
53) 3-Nitroaniline	14.421	138	422132	31.994	ng	94
54) 2,4-Dinitrophenol	14.627	184	563385	94.142	ng	90
55) Dibenzofuran	14.910	168	3024422	43.204	ng	98
56) 4-Nitrophenol	14.733	139	926722	87.769	ng	87
57) 2,4-Dinitrotoluene	14.880	165	695035	46.890	ng	96
58) Fluorene	15.557	166	2405118	43.555	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	598677	43.786	ng	97
60) Diethylphthalate	15.333	149	2485065	42.903	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1194886	43.396	ng	96
62) 4-Nitroaniline	15.586	138	542359	39.957	ng	91
63) Azobenzene	15.845	77	2397364	43.538	ng	93
65) 4,6-Dinitro-2-methylph...	15.639	198	326571	43.398	ng	93
66) n-Nitrosodiphenylamine	15.768	169	2017200	48.554	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	704517	47.859	ng	94
68) Hexachlorobenzene	16.551	284	816012	48.312	ng	93
69) Atrazine	16.721	200	655993	56.430	ng	98
70) Pentachlorophenol	16.898	266	972549	98.315	ng	98
71) Phenanthrene	17.292	178	3396328	45.298	ng	99
72) Anthracene	17.380	178	3413747	47.029	ng	99
73) Carbazole	17.656	167	3066674	41.696	ng	98
74) Di-n-butylphthalate	18.221	149	3962687	45.134	ng	99
75) Fluoranthene	19.303	202	3469255	41.336	ng	98
77) Benzidine	19.492	184	1717385	106.868	ng	99
78) Pyrene	19.668	202	3504258	52.738	ng	99
80) Butylbenzylphthalate	20.568	149	1427677	49.782	ng	98
81) Benzo(a)anthracene	21.409	228	3027727	45.874	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	925167	57.728	ng	99
83) Chrysene	21.462	228	2813543	44.845	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	2168067	50.110	ng	99
85) Di-n-octyl phthalate	22.262	149	3193715	45.230	ng	95
87) Indeno(1,2,3-cd)pyrene	26.244	276	2808299	44.093	ng	98
88) Benzo(b)fluoranthene	23.068	252	2716636	51.161	ng	99
89) Benzo(k)fluoranthene	23.121	252	2727164	50.850	ng	99
90) Benzo(a)pyrene	23.685	252	2328265	52.259	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	2499454	46.883	ng	99
92) Benzo(g,h,i)perylene	27.009	276	2435566	47.190	ng	99

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

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