Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038775.D
Acq On : 17 Feb 2023 15:06
Operator : CG/JU
Sample : PB150858BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 23:18:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB150858BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	62058	20.000	ng		-0.03
21) Naphthalene-d8	10.687	136	214296	20.000	ng		-0.03
39) Acenaphthene-d10	14.534	164	125660	20.000	ng		-0.03
64) Phenanthrene-d10	17.280	188	243081	20.000	ng		#-0.02
76) Chrysene-d12	21.474	240	202022	20.000	ng		-0.02
86) Perylene-d12	23.874	264	244914	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	337202	106.440	ng		-0.03
7) Phenol-d6	7.058	99	390383	108.044	ng		-0.03
23) Nitrobenzene-d5	9.052	82	231864	61.457	ng		-0.04
42) 2,4,6-Tribromophenol	16.028	330	154855	90.665	ng		-0.03
45) 2-Fluorobiphenyl	13.151	172	627758	63.600	ng		-0.03
79) Terphenyl-d14	19.910	244	734396	64.150	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	46773	33.490	ng		95
3) Pyridine	3.693	79	108562	32.689	ng		91
4) n-Nitrosodimethylamine	3.605	42	52114	34.760	ng		86
6) Aniline	7.205	93	168484	37.382	ng		90
8) 2-Chlorophenol	7.440	128	161614	46.752	ng		96
9) Benzaldehyde	7.016	77	73387	46.082	ng		92
10) Phenol	7.081	94	169813	46.521	ng		88
11) bis(2-Chloroethyl)ether	7.305	93	127681	43.193	ng		96
12) 1,3-Dichlorobenzene	7.758	146	191819	43.430	ng		99
13) 1,4-Dichlorobenzene	7.910	146	195859	43.940	ng		98
14) 1,2-Dichlorobenzene	8.228	146	189197	44.306	ng		98
15) Benzyl Alcohol	8.128	79	110626	41.598	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	103591	36.996	ng		97
17) 2-Methylphenol	8.334	107	116618	41.652	ng		95
18) Hexachloroethane	8.952	117	67943	47.198	ng		96
19) n-Nitroso-di-n-propyla...	8.693	70	91123	41.840	ng		94
20) 3+4-Methylphenols	8.669	107	156831	42.012	ng		97
22) Acetophenone	8.710	105	209777	41.048	ng	#	96
24) Nitrobenzene	9.099	77	145403	37.971	ng		90
25) Isophorone	9.622	82	247536	37.454	ng		100
26) 2-Nitrophenol	9.810	139	89846	42.164	ng		94
27) 2,4-Dimethylphenol	9.869	122	132361	43.052	ng		97
28) bis(2-Chloroethoxy)met...	10.104	93	159276	39.434	ng		98
29) 2,4-Dichlorophenol	10.346	162	161594	36.996	ng		97
30) 1,2,4-Trichlorobenzene	10.551	180	163734	35.240	ng		98
31) Naphthalene	10.740	128	461261	41.945	ng		98
32) Benzoic acid	10.040	122	96781	38.888	ng		94
33) 4-Chloroaniline	10.863	127	81865	16.987	ng		97
34) Hexachlorobutadiene	11.010	225	91675	39.388	ng		97
35) Caprolactam	11.669	113	35222	37.443	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	120309	37.250	ng		96
37) 2-Methylnaphthalene	12.351	142	328450	36.960	ng		99
38) 1-Methylnaphthalene	12.569	142	305348	36.465	ng		97
40) 1,2,4,5-Tetrachloroben...	12.722	216	146143	44.687	ng		99
41) Hexachlorocyclopentadiene	12.687	237	230947	113.803	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	104843	40.807	ng		96

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44) 2,4,5-Trichlorophenol	13.045	196	111067	36.736	ng		94
46) 1,1'-Biphenyl	13.363	154	436159	43.817	ng		99
47) 2-Chloronaphthalene	13.410	162	340968	43.531	ng		96
48) 2-Nitroaniline	13.628	65	68731	39.294	ng		95
49) Acenaphthylene	14.251	152	522689	42.367	ng		99
50) Dimethylphthalate	13.998	163	397948	38.807	ng		99
51) 2,6-Dinitrotoluene	14.128	165	82993	39.820	ng		96
52) Acenaphthene	14.598	154	305659	41.493	ng		99
53) 3-Nitroaniline	14.457	138	57805	27.230	ng		98
54) 2,4-Dinitrophenol	14.669	184	104298	76.882	ng	#	86
55) Dibenzofuran	14.934	168	483705	38.131	ng		95
56) 4-Nitrophenol	14.775	139	143136	85.630	ng		92
57) 2,4-Dinitrotoluene	14.916	165	113103	37.158	ng		94
58) Fluorene	15.581	166	388195	38.676	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	83062	39.473	ng		96
60) Diethylphthalate	15.357	149	390823	40.230	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	168615	39.599	ng		97
62) 4-Nitroaniline	15.622	138	80919m	36.595	ng		
63) Azobenzene	15.869	77	313782	41.982	ng		98
65) 4,6-Dinitro-2-methylph...	15.681	198	55754	36.435	ng		96
66) n-Nitrosodiphenylamine	15.792	169	321192	40.468	ng		98
67) 4-Bromophenyl-phenylether	16.469	248	97977	41.744	ng		96
68) Hexachlorobenzene	16.580	284	123840	43.173	ng		93
69) Atrazine	16.751	200	100110	43.518	ng		97
70) Pentachlorophenol	16.933	266	151073	72.248	ng		99
71) Phenanthrene	17.322	178	575433	39.868	ng		99
72) Anthracene	17.416	178	570004	38.604	ng		98
73) Carbazole	17.692	167	524002	38.051	ng		98
74) Di-n-butylphthalate	18.245	149	662150	42.559	ng		99
75) Fluoranthene	19.345	202	567172	37.426	ng		99
77) Benzidine	19.539	184	344276	56.156	ng		99
78) Pyrene	19.704	202	619054	39.801	ng		99
80) Butylbenzylphthalate	20.604	149	295109	38.513	ng		99
81) Benzo(a)anthracene	21.463	228	577323	40.399	ng		99
82) 3,3'-Dichlorobenzidine	21.398	252	179687	36.549	ng		98
83) Chrysene	21.515	228	537043	39.004	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	437904	39.150	ng		98
85) Di-n-octyl phthalate	22.298	149	771630	42.147	ng		99
87) Indeno(1,2,3-cd)pyrene	26.362	276	914406	47.401	ng		99
88) Benzo(b)fluoranthene	23.145	252	654868	44.642	ng		99
89) Benzo(k)fluoranthene	23.192	252	638137	42.839	ng		100
90) Benzo(a)pyrene	23.768	252	571385	39.387	ng		99
91) Dibenzo(a,h)anthracene	26.380	278	781442	48.148	ng		99
92) Benzo(g,h,i)perylene	27.133	276	709207	43.228	ng		99

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

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