Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058648.D
Acq On : 8 Aug 2023 18:32
Operator : MA/JU
Sample : PB154550BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 09 04:12:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154550BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/09/2023
Supervised By :mohammad ahmed
08/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	38933	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	180458	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	148698	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	388728	20.000	ng		0.00
76) Chrysene-d12	21.449	240	351578	20.000	ng		0.00
86) Perylene-d12	24.522	264	422418	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	31041	12.186	ng		0.00
7) Phenol-d6	6.983	99	45364	12.799	ng		0.00
23) Nitrobenzene-d5	8.975	82	26997	7.349	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	26731	10.968	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	75450	7.604	ng		0.00
79) Terphenyl-d14	19.821	244	154046	8.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	4889	3.961	ng	#	83
3) Pyridine	3.675	79	9973	2.964	ng	#	91
4) n-Nitrosodimethylamine	3.587	42	5607	3.932	ng	#	94
6) Aniline	7.136	93	13742	3.149	ng	#	95
8) 2-Chlorophenol	7.377	128	11322	4.531	ng		96
9) Benzaldehyde	6.954	77	6898	3.582	ng		99
10) Phenol	7.013	94	16076	4.643	ng		94
11) bis(2-Chloroethyl)ether	7.236	93	11871	4.349	ng		93
12) 1,3-Dichlorobenzene	7.700	146	11588	4.343	ng		96
13) 1,4-Dichlorobenzene	7.847	146	11540	4.307	ng		92
14) 1,2-Dichlorobenzene	8.164	146	11445	4.468	ng		95
15) Benzyl Alcohol	8.059	79	9269	4.124	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.335	45	19611	4.423	ng		97
17) 2-Methylphenol	8.264	107	10979	4.337	ng		94
18) Hexachloroethane	8.887	117	3994	4.101	ng		92
19) n-Nitroso-di-n-propyla...	8.617	70	9749	4.258	ng	#	96
20) 3+4-Methylphenols	8.593	107	14701	4.293	ng		97
22) Acetophenone	8.640	105	17964	3.718	ng	#	96
24) Nitrobenzene	9.022	77	13759	3.684	ng		88
25) Isophorone	9.533	82	28474	3.752	ng		97
26) 2-Nitrophenol	9.733	139	5362	3.298	ng		87
27) 2,4-Dimethylphenol	9.798	122	10682	3.961	ng		93
28) bis(2-Chloroethoxy)met...	10.027	93	15678	3.796	ng	#	95
29) 2,4-Dichlorophenol	10.285	162	10904	3.895	ng		96
30) 1,2,4-Trichlorobenzene	10.479	180	12708	3.936	ng		98
31) Naphthalene	10.661	128	38646	4.063	ng		97
32) Benzoic acid	9.950	122	5673m	7.056	ng		
33) 4-Chloroaniline	10.797	127	11471	2.855	ng	#	93
34) Hexachlorobutadiene	10.943	225	7992	3.844	ng		93
35) Caprolactam	11.531	113	3545	3.429	ng		88
36) 4-Chloro-3-methylphenol	11.919	107	14440	4.169	ng		91
37) 2-Methylnaphthalene	12.283	142	26966	3.964	ng		94
38) 1-Methylnaphthalene	12.500	142	26234	4.056	ng		97
40) 1,2,4,5-Tetrachloroben...	12.647	216	16179	3.544	ng		99
41) Hexachlorocyclopentadiene	12.624	237	4734	8.855	ng		94
43) 2,4,6-Trichlorophenol	12.900	196	11166	3.556	ng		96

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44) 2,4,5-Trichlorophenol	12.976	196	13536	3.660	ng		91
46) 1,1'-Biphenyl	13.294	154	37941	3.715	ng		97
47) 2-Chloronaphthalene	13.335	162	30279	3.803	ng		94
48) 2-Nitroaniline	13.546	65	9914	3.262	ng		92
49) Acenaphthylene	14.181	152	53422	4.007	ng		96
50) Dimethylphthalate	13.911	163	43997	3.940	ng		100
51) 2,6-Dinitrotoluene	14.040	165	8609	3.513	ng		92
52) Acenaphthene	14.522	154	30440	3.952	ng		97
53) 3-Nitroaniline	14.381	138	7386m	3.013	ng		
54) 2,4-Dinitrophenol	14.616	184	1570	8.515	ng		90
55) Dibenzofuran	14.856	168	54586	4.124	ng		99
56) 4-Nitrophenol	14.721	139	8279m	7.693	ng		
57) 2,4-Dinitrotoluene	14.833	165	13016	3.831	ng	#	93
58) Fluorene	15.509	166	44609	4.243	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.091	232	11450	3.628	ng	#	98
60) Diethylphthalate	15.274	149	46712	4.106	ng		98
61) 4-Chlorophenyl-phenyle...	15.497	204	23408	3.993	ng		97
62) 4-Nitroaniline	15.544	138	6804	2.930	ng		88
63) Azobenzene	15.791	77	44934	4.010	ng		99
65) 4,6-Dinitro-2-methylph...	15.609	198	4153	1.938	ng		95
66) n-Nitrosodiphenylamine	15.714	169	38362	3.792	ng		98
67) 4-Bromophenyl-phenylether	16.396	248	15980	3.624	ng		95
68) Hexachlorobenzene	16.513	284	18302	3.917	ng		99
69) Atrazine	16.660	200	15279	4.474	ng		95
70) Pentachlorophenol	16.878	266	10980m	3.883	ng		
71) Phenanthrene	17.248	178	75925	4.118	ng		98
72) Anthracene	17.336	178	72930	3.855	ng		97
73) Carbazole	17.618	167	66589	3.992	ng		96
74) Di-n-butylphthalate	18.164	149	78645	3.764	ng		98
75) Fluoranthene	19.263	202	89038	4.021	ng		98
77) Benzidine	19.463	184	30333	5.690	ng		97
78) Pyrene	19.627	202	91539	3.826	ng		97
80) Butylbenzylphthalate	20.515	149	35261	3.588	ng		95
81) Benzo(a)anthracene	21.431	228	94029	3.886	ng		98
82) 3,3'-Dichlorobenzidine	21.361	252	28350	3.466	ng		97
83) Chrysene	21.490	228	86752	3.740	ng		98
84) Bis(2-ethylhexyl)phtha...	21.331	149	52848	3.680	ng		98
85) Di-n-octyl phthalate	22.483	149	90377	3.579	ng		99
87) Indeno(1,2,3-cd)pyrene	28.017	276	102065m	3.632	ng		
88) Benzo(b)fluoranthene	23.540	252	89873	3.923	ng		98
89) Benzo(k)fluoranthene	23.611	252	91226	3.964	ng		99
90) Benzo(a)pyrene	24.375	252	80395	3.573	ng		96
91) Dibenzo(a,h)anthracene	28.070	278	74993	3.227	ng		98
92) Benzo(g,h,i)perylene	29.110	276	82262m	3.530	ng		

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

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