Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
Data File : BG058756.D
Acq On : 17 Aug 2023 10:31
Operator : MA/JU
Sample : PB154864BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 01:49:58 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 :
PB154864BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152	22686	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	103421	20.000	ng		0.00
39) Acenaphthene-d10	14.460	164	77116	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	193417	20.000	ng		0.00
76) Chrysene-d12	21.446	240	162510	20.000	ng		0.00
86) Perylene-d12	24.519	264	204879	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.383	112	221862	149.478	ng		0.00
7) Phenol-d6	6.987	99	306946	148.621	ng		0.00
23) Nitrobenzene-d5	8.973	82	187866	89.237	ng		0.00
42) 2,4,6-Tribromophenol	15.953	330	162104	128.248	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	449342	87.321	ng		0.00
79) Terphenyl-d14	19.825	244	848819	98.223	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	24986	34.741	ng	#	90
3) Pyridine	3.661	79	61669	31.450	ng	#	81
4) n-Nitrosodimethylamine	3.579	42	43552	52.421	ng		81
6) Aniline	7.134	93	83532	32.851	ng		95
8) 2-Chlorophenol	7.374	128	80393	55.212	ng		97
9) Benzaldehyde	6.951	77	36792	32.789	ng		97
10) Phenol	7.010	94	110511	54.777	ng		95
11) bis(2-Chloroethyl)ether	7.233	93	74252	46.685	ng		91
12) 1,3-Dichlorobenzene	7.698	146	76473	49.184	ng		97
13) 1,4-Dichlorobenzene	7.845	146	78169	50.071	ng		97
14) 1,2-Dichlorobenzene	8.162	146	76901	51.521	ng		99
15) Benzyl Alcohol	8.050	79	81146	61.955	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	161063	62.340	ng		93
17) 2-Methylphenol	8.256	107	74770	50.687	ng		98
18) Hexachloroethane	8.884	117	27819	49.025	ng		95
19) n-Nitroso-di-n-propyla...	8.614	70	64104	48.053	ng	#	88
20) 3+4-Methylphenols	8.591	107	104261	52.252	ng		98
22) Acetophenone	8.632	105	127972	46.212	ng		94
24) Nitrobenzene	9.020	77	98135	45.852	ng		97
25) Isophorone	9.537	82	190763	43.855	ng		99
26) 2-Nitrophenol	9.725	139	43348	46.528	ng		97
27) 2,4-Dimethylphenol	9.789	122	73938	47.845	ng		95
28) bis(2-Chloroethoxy)met...	10.018	93	105914	44.742	ng		99
29) 2,4-Dichlorophenol	10.265	162	81882	51.031	ng		98
30) 1,2,4-Trichlorobenzene	10.477	180	87405	47.235	ng		97
31) Naphthalene	10.659	128	244579	44.870	ng		99
32) Benzoic acid	9.954	122	42999m	37.546	ng		
33) 4-Chloroaniline	10.782	127	61164	26.558	ng		98
34) Hexachlorobutadiene	10.941	225	56351	47.288	ng		100
35) Caprolactam	11.558	113	29715m	50.150	ng		
36) 4-Chloro-3-methylphenol	11.910	107	98858	49.806	ng		96
37) 2-Methylnaphthalene	12.275	142	174443	44.739	ng		98
38) 1-Methylnaphthalene	12.498	142	168846	45.555	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	103483	43.709	ng		99
41) Hexachlorocyclopentadiene	12.621	237	86252	78.569	ng		100
43) 2,4,6-Trichlorophenol	12.892	196	75654	46.458	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	80402	41.919	ng		97
46) 1,1'-Biphenyl	13.291	154	237853	44.912	ng		97
47) 2-Chloronaphthalene	13.332	162	188286	45.598	ng		98
48) 2-Nitroaniline	13.544	65	77091	48.912	ng		96
49) Acenaphthylene	14.178	152	322742	46.684	ng		99
50) Dimethylphthalate	13.920	163	269904	46.603	ng		99
51) 2,6-Dinitrotoluene	14.043	165	59302	46.666	ng		94
52) Acenaphthene	14.525	154	180169	45.102	ng		99
53) 3-Nitroaniline	14.372	138	40122	31.557	ng	#	98
54) 2,4-Dinitrophenol	14.590	184	60040	83.455	ng		96
55) Dibenzofuran	14.860	168	311397	45.366	ng		96
56) 4-Nitrophenol	14.695	139	86530	91.355	ng		89
57) 2,4-Dinitrotoluene	14.836	165	87868	49.875	ng	#	94
58) Fluorene	15.506	166	254543	46.680	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	77406	47.294	ng		97
60) Diethylphthalate	15.277	149	285242	48.344	ng		98
61) 4-Chlorophenyl-phenyle...	15.500	204	139261	45.808	ng		96
62) 4-Nitroaniline	15.541	138	60441	50.183	ng		95
63) Azobenzene	15.794	77	264048	45.435	ng		96
65) 4,6-Dinitro-2-methylph...	15.600	198	51165	47.976	ng		94
66) n-Nitrosodiphenylamine	15.718	169	229954	45.679	ng		99
67) 4-Bromophenyl-phenylether	16.393	248	97043	44.236	ng		95
68) Hexachlorobenzene	16.511	284	109973	47.308	ng		97
69) Atrazine	16.669	200	97908	57.613	ng		97
70) Pentachlorophenol	16.863	266	95800	68.086	ng		98
71) Phenanthrene	17.245	178	428528	46.718	ng		99
72) Anthracene	17.339	178	437916	46.528	ng		99
73) Carbazole	17.610	167	404699	48.761	ng		99
74) Di-n-butylphthalate	18.162	149	500803	48.174	ng		99
75) Fluoranthene	19.261	202	523053	47.471	ng		98
77) Benzidine	19.449	184	178622	72.484	ng		98
78) Pyrene	19.625	202	531771	48.082	ng		98
80) Butylbenzylphthalate	20.512	149	222316	48.937	ng		94
81) Benzo(a)anthracene	21.429	228	539040	48.198	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	152845	40.421	ng		97
83) Chrysene	21.493	228	501170	46.738	ng		98
84) Bis(2-ethylhexyl)phtha...	21.329	149	324889	48.939	ng		98
85) Di-n-octyl phthalate	22.480	149	569897	48.828	ng		96
87) Indeno(1,2,3-cd)pyrene	28.015	276	669691	49.134	ng		98
88) Benzo(b)fluoranthene	23.544	252	575895	51.826	ng		99
89) Benzo(k)fluoranthene	23.608	252	538205	48.212	ng		99
90) Benzo(a)pyrene	24.372	252	509573	46.695	ng		98
91) Dibenzo(a,h)anthracene	28.068	278	562610	49.921	ng		98
92) Benzo(g,h,i)perylene	29.114	276	523639	46.335	ng		98

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

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