Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
Data File : BG054150.D
Acq On : 29 Jun 2022 18:16
Operator : CG/JU
Sample : N3531-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 29 19:13:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
W-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.068	152	22315	20.000	ng		0.00
21) Naphthalene-d8	10.876	136	89716	20.000	ng	#	0.00
39) Acenaphthene-d10	14.695	164	72363	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	190119	20.000	ng	#	0.00
76) Chrysene-d12	21.716	240	197778	20.000	ng		0.00
86) Perylene-d12	24.971	264	207525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	140184	120.107	ng		0.00
7) Phenol-d6	7.233	99	192337	121.476	ng		0.00
23) Nitrobenzene-d5	9.231	82	121154	75.888	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	136507	117.411	ng		0.00
45) 2-Fluorobiphenyl	13.320	172	345542	69.437	ng		0.00
79) Terphenyl-d14	20.048	244	752312	76.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.520	88	21624	42.382	ng		91
3) Pyridine	3.914	79	58111	42.681	ng		93
4) n-Nitrosodimethylamine	3.831	42	33192	55.423	ng		94
6) Aniline	7.392	93	80669	42.973	ng		96
8) 2-Chlorophenol	7.633	128	69826	56.030	ng		94
9) Benzaldehyde	7.198	77	43106	46.129	ng	#	78
10) Phenol	7.257	94	87444	54.495	ng		97
11) bis(2-Chloroethyl)ether	7.480	93	61003	49.530	ng		94
12) 1,3-Dichlorobenzene	7.956	146	76183	48.786	ng		92
13) 1,4-Dichlorobenzene	8.103	146	77550	49.438	ng		98
14) 1,2-Dichlorobenzene	8.426	146	75720	50.285	ng		96
15) Benzyl Alcohol	8.303	79	66018	55.787	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.596	45	94841	51.511	ng		100
17) 2-Methylphenol	8.514	107	61604	55.265	ng		93
18) Hexachloroethane	9.155	117	26488	50.902	ng	#	79
19) n-Nitroso-di-n-propyla...	8.873	70	53340	50.144	ng		96
20) 3+4-Methylphenols	8.837	107	85020	54.387	ng		93
22) Acetophenone	8.890	105	105335	48.302	ng	#	96
24) Nitrobenzene	9.272	77	77249	49.137	ng	#	83
25) Isophorone	9.795	82	151834	50.923	ng		95
26) 2-Nitrophenol	9.983	139	39991	57.592	ng	#	80
27) 2,4-Dimethylphenol	10.042	122	69351	61.705	ng		92
28) bis(2-Chloroethoxy)met...	10.271	93	87337	54.373	ng		97
29) 2,4-Dichlorophenol	10.530	162	82893	55.009	ng		91
30) 1,2,4-Trichlorobenzene	10.741	180	84019	45.030	ng		95
31) Naphthalene	10.929	128	211695	46.741	ng		99
32) Benzoic acid	10.189	122	39577	73.110	ng	#	72
33) 4-Chloroaniline	11.029	127	63497	33.794	ng		94
34) Hexachlorobutadiene	11.217	225	62451	43.534	ng		100
35) Caprolactam	11.804	113	27083m	65.286	ng		
36) 4-Chloro-3-methylphenol	12.151	107	82956	56.631	ng		90
37) 2-Methylnaphthalene	12.527	142	159420	47.575	ng		95
38) 1-Methylnaphthalene	12.750	142	152794	46.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.897	216	120728	43.298	ng		96
41) Hexachlorocyclopentadiene	12.880	237	126664	97.557	ng		98
43) 2,4,6-Trichlorophenol	13.132	196	79093	50.498	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	88444	50.573	ng	#	94
46) 1,1'-Biphenyl	13.532	154	235884	46.798	ng		98
47) 2-Chloronaphthalene	13.573	162	187723	46.019	ng		95
48) 2-Nitroaniline	13.773	65	59984	55.279	ng		92
49) Acenaphthylene	14.419	152	303439	47.837	ng		99
50) Dimethylphthalate	14.143	163	267956	48.621	ng		100
51) 2,6-Dinitrotoluene	14.266	165	59565	53.495	ng	#	70
52) Acenaphthene	14.760	154	220320m	54.490	ng		
53) 3-Nitroaniline	14.595	138	38025	35.249	ng		90
54) 2,4-Dinitrophenol	14.807	184	69545	110.268	ng	#	78
55) Dibenzofuran	15.095	168	307323	47.175	ng		95
56) 4-Nitrophenol	14.913	139	90255	117.847	ng	#	84
57) 2,4-Dinitrotoluene	15.054	165	86065	54.730	ng	#	84
58) Fluorene	15.741	166	254211	47.527	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.324	232	84975	49.686	ng	#	93
60) Diethylphthalate	15.506	149	261024	48.908	ng		96
61) 4-Chlorophenyl-phenyle...	15.729	204	151107	47.189	ng		89
62) 4-Nitroaniline	15.759	138	57280	50.917	ng	#	76
63) Azobenzene	16.023	77	212230	49.401	ng		91
65) 4,6-Dinitro-2-methylph...	15.817	198	52783	55.648	ng		86
66) n-Nitrosodiphenylamine	15.941	169	236986	47.829	ng		96
67) 4-Bromophenyl-phenylether	16.622	248	110176	46.400	ng		94
68) Hexachlorobenzene	16.752	284	121632	44.781	ng		94
69) Atrazine	16.887	200	109467	53.332	ng		94
70) Pentachlorophenol	17.092	266	135828	107.654	ng		95
71) Phenanthrene	17.480	178	454816	46.563	ng		97
72) Anthracene	17.574	178	461061	48.337	ng		99
73) Carbazole	17.839	167	407553	49.779	ng		99
74) Di-n-butylphthalate	18.397	149	470617	49.715	ng	#	97
75) Fluoranthene	19.490	202	578792	45.139	ng		97
77) Benzidine	19.666	184	349392	85.306	ng		98
78) Pyrene	19.854	202	579717	48.531	ng		97
80) Butylbenzylphthalate	20.729	149	206236	53.864	ng		90
81) Benzo(a)anthracene	21.699	228	602446	47.045	ng		99
82) 3,3'-Dichlorobenzidine	21.605	252	135046	35.297	ng		98
83) Chrysene	21.763	228	566074	46.375	ng		96
84) Bis(2-ethylhexyl)phtha...	21.599	149	295730	54.005	ng	#	94
85) Di-n-octyl phthalate	22.821	149	503954	53.544	ng		95
87) Indeno(1,2,3-cd)pyrene	28.702	276	709886	45.329	ng	#	94
88) Benzo(b)fluoranthene	23.943	252	618619	49.027	ng		98
89) Benzo(k)fluoranthene	24.008	252	605639	48.478	ng		98
90) Benzo(a)pyrene	24.819	252	553152	51.958	ng	#	99
91) Dibenzo(a,h)anthracene	28.767	278	615081	47.496	ng		98
92) Benzo(g,h,i)perylene	29.872	276	604243	47.280	ng		97

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

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