Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055536.D
Acq On : 10 Nov 2022 12:23
Operator : CG/JU
Sample : PB148779BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 01:58:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148779BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	50660	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	225645	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	165047	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	389941	20.000	ng		0.00
76) Chrysene-d12	21.931	240	365862	20.000	ng		0.00
86) Perylene-d12	25.351	264	377530	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	451394	169.716	ng		0.00
7) Phenol-d6	7.407	99	592269	161.209	ng		0.00
23) Nitrobenzene-d5	9.446	82	327361	98.351	ng		0.00
42) 2,4,6-Tribromophenol	16.373	330	282675	175.534	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	895013	81.797	ng		0.00
79) Terphenyl-d14	20.215	244	1611909	88.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	48523	35.918	ng		96
3) Pyridine	4.046	79	128906	34.318	ng		99
4) n-Nitrosodimethylamine	3.958	42	92544	45.264	ng		96
6) Aniline	7.583	93	221578	45.406	ng		99
8) 2-Chlorophenol	7.830	128	158981	53.392	ng		98
9) Benzaldehyde	7.395	77	80324	27.711	ng		98
10) Phenol	7.430	94	219815	51.973	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	156888	46.073	ng		99
12) 1,3-Dichlorobenzene	8.159	146	168602	45.329	ng		99
13) 1,4-Dichlorobenzene	8.306	146	169291	44.972	ng		98
14) 1,2-Dichlorobenzene	8.629	146	167713	46.915	ng		98
15) Benzyl Alcohol	8.500	79	164336	51.294	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.799	45	305363	46.670	ng		100
17) 2-Methylphenol	8.700	107	154503	51.911	ng		99
18) Hexachloroethane	9.369	117	57964	46.382	ng		95
19) n-Nitroso-di-n-propyla...	9.076	70	139637	45.990	ng		97
20) 3+4-Methylphenols	9.029	107	209390	50.500	ng		97
22) Acetophenone	9.099	105	264173	44.010	ng		98
24) Nitrobenzene	9.487	77	184488	48.178	ng		100
25) Isophorone	10.010	82	398107	46.816	ng		99
26) 2-Nitrophenol	10.204	139	57517	45.878	ng	#	91
27) 2,4-Dimethylphenol	10.245	122	171709	56.476	ng		99
28) bis(2-Chloroethoxy)met...	10.492	93	227416	49.601	ng		100
29) 2,4-Dichlorophenol	10.738	162	171443	51.311	ng		95
30) 1,2,4-Trichlorobenzene	10.962	180	174253	41.634	ng		99
31) Naphthalene	11.155	128	514185	42.148	ng		98
32) Benzoic acid	10.368	122	87053	47.429	ng		98
33) 4-Chloroaniline	11.249	127	176906	34.692	ng		98
34) Hexachlorobutadiene	11.437	225	115568	41.402	ng		99
35) Caprolactam	12.013	113	63719m	55.942	ng		
36) 4-Chloro-3-methylphenol	12.342	107	201494	51.160	ng		99
37) 2-Methylnaphthalene	12.736	142	390949	42.652	ng		99
38) 1-Methylnaphthalene	12.953	142	376214	41.961	ng		99
40) 1,2,4,5-Tetrachloroben...	13.100	216	210597	42.716	ng		98
41) Hexachlorocyclopentadiene	13.083	237	239836	113.633	ng		96
43) 2,4,6-Trichlorophenol	13.329	196	147098	50.743	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	163086	49.143	ng		98
46) 1,1'-Biphenyl	13.729	154	535859	44.379	ng		98
47) 2-Chloronaphthalene	13.776	162	397576	42.630	ng		100
48) 2-Nitroaniline	13.964	65	116409	48.421	ng		98
49) Acenaphthylene	14.616	152	678782	43.987	ng		99
50) Dimethylphthalate	14.334	163	572816	45.674	ng		99
51) 2,6-Dinitrotoluene	14.452	165	107842	48.857	ng		98
52) Acenaphthene	14.957	154	446533	46.351	ng		99
53) 3-Nitroaniline	14.781	138	94339	36.521	ng		98
54) 2,4-Dinitrophenol	14.986	184	87135	111.743	ng	#	77
55) Dibenzofuran	15.286	168	662080	42.987	ng		99
56) 4-Nitrophenol	15.069	139	202597	109.095	ng		97
57) 2,4-Dinitrotoluene	15.239	165	148211	50.677	ng		98
58) Fluorene	15.932	166	524373	42.795	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	150330	48.873	ng		99
60) Diethylphthalate	15.691	149	584743	45.832	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	288094	44.203	ng		99
62) 4-Nitroaniline	15.944	138	124697	50.150	ng		97
63) Azobenzene	16.214	77	540899	43.738	ng		99
65) 4,6-Dinitro-2-methylph...	15.997	198	56838	45.941	ng		94
66) n-Nitrosodiphenylamine	16.132	169	488108	44.683	ng		100
67) 4-Bromophenyl-phenylether	16.814	248	190197	47.812	ng		99
68) Hexachlorobenzene	16.937	284	205471	43.446	ng		95
69) Atrazine	17.072	200	201949	51.083	ng		98
70) Pentachlorophenol	17.272	266	251666	97.131	ng		99
71) Phenanthrene	17.671	178	900572	42.972	ng		99
72) Anthracene	17.765	178	908647	44.243	ng		99
73) Carbazole	18.024	167	837757	45.135	ng		100
74) Di-n-butylphthalate	18.570	149	1000673	47.021	ng		98
75) Fluoranthene	19.669	202	1068869	42.770	ng		99
77) Benzidine	19.839	184	497769	50.290	ng		99
78) Pyrene	20.027	202	1076847	43.489	ng		99
80) Butylbenzylphthalate	20.903	149	431612	45.923	ng		98
81) Benzo(a)anthracene	21.908	228	1092072	43.578	ng		98
82) 3,3'-Dichlorobenzidine	21.814	252	345095	42.194	ng		99
83) Chrysene	21.978	228	1026103	43.060	ng		100
84) Bis(2-ethylhexyl)phtha...	21.802	149	645450	51.650	ng		100
85) Di-n-octyl phthalate	23.089	149	1074854	49.772	ng		100
87) Indeno(1,2,3-cd)pyrene	29.293	276	1287259	44.768	ng		98
88) Benzo(b)fluoranthene	24.264	252	1186315	49.594	ng		100
89) Benzo(k)fluoranthene	24.334	252	1124330	45.976	ng		99
90) Benzo(a)pyrene	25.192	252	1036513	50.303	ng		99
91) Dibenzo(a,h)anthracene	29.369	278	1115037	46.846	ng		99
92) Benzo(g,h,i)perylene	30.533	276	1101632	47.346	ng		99

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

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