Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054336.D
Acq On : 20 Jul 2022 20:56
Operator : CG/JU
Sample : N3776-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 21 01:25:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.003	152	22768	20.000	ng		0.00
21) Naphthalene-d8	10.811	136	86884	20.000	ng	#	0.00
39) Acenaphthene-d10	14.636	164	64890	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	154538	20.000	ng	#	0.00
76) Chrysene-d12	21.663	240	175477	20.000	ng	#	0.02
86) Perylene-d12	24.895	264	195030	20.000	ng	#	0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.576	112	124947	114.580	ng		0.00
7) Phenol-d6	7.180	99	166301	111.295	ng		0.00
23) Nitrobenzene-d5	9.166	82	109663	68.734	ng		0.00
42) 2,4,6-Tribromophenol	16.128	330	148391	108.915	ng		0.00
45) 2-Fluorobiphenyl	13.261	172	330981	71.955	ng		0.00
79) Terphenyl-d14	19.994	244	651012	73.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.426	88	15146m	34.912	ng		
3) Pyridine	3.831	79	41769	37.953	ng		97
4) n-Nitrosodimethylamine	3.749	42	31635	51.408	ng	#	82
6) Aniline	7.321	93	51267	29.724	ng		98
8) 2-Chlorophenol	7.574	128	66450	53.025	ng		89
9) Benzaldehyde	7.133	77	32673	43.432	ng	#	77
10) Phenol	7.209	94	78490	52.870	ng		94
11) bis(2-Chloroethyl)ether	7.415	93	53073	49.031	ng		91
12) 1,3-Dichlorobenzene	7.891	146	76799	50.297	ng		91
13) 1,4-Dichlorobenzene	8.038	146	76909	48.775	ng		96
14) 1,2-Dichlorobenzene	8.355	146	76209	51.253	ng		96
15) Benzyl Alcohol	8.243	79	63079	51.327	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.531	45	68110	49.961	ng		91
17) 2-Methylphenol	8.455	107	55518	51.884	ng		96
18) Hexachloroethane	9.084	117	26419	50.601	ng	#	65
19) n-Nitroso-di-n-propyla...	8.807	70	46145	46.246	ng		93
20) 3+4-Methylphenols	8.790	107	75760	50.249	ng		99
22) Acetophenone	8.825	105	99448	47.590	ng	#	96
24) Nitrobenzene	9.207	77	73154	46.917	ng	#	84
25) Isophorone	9.736	82	130399	46.995	ng	#	91
26) 2-Nitrophenol	9.924	139	38859	49.442	ng		91
27) 2,4-Dimethylphenol	9.988	122	62530	57.593	ng		95
28) bis(2-Chloroethoxy)met...	10.212	93	70607	50.453	ng		99
29) 2,4-Dichlorophenol	10.470	162	83488	50.944	ng		87
30) 1,2,4-Trichlorobenzene	10.676	180	96058	47.328	ng		92
31) Naphthalene	10.864	128	213813	49.024	ng		98
32) Benzoic acid	10.176	122	39559	84.799	ng	#	87
33) 4-Chloroaniline	10.970	127	37495	21.140	ng		93
34) Hexachlorobutadiene	11.146	225	84602	47.166	ng		97
35) Caprolactam	11.763	113	21315m	51.655	ng		
36) 4-Chloro-3-methylphenol	12.110	107	74115	49.712	ng	#	84
37) 2-Methylnaphthalene	12.468	142	162179	48.422	ng		96
38) 1-Methylnaphthalene	12.685	142	154817	47.438	ng		99
40) 1,2,4,5-Tetrachloroben...	12.838	216	146373	51.487	ng	#	96
41) Hexachlorocyclopentadiene	12.815	237	49526	56.441	ng		99
43) 2,4,6-Trichlorophenol	13.079	196	85931	55.513	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.161	196	91744	52.454	ng	#	92
46) 1,1'-Biphenyl	13.473	154	225851	50.875	ng		97
47) 2-Chloronaphthalene	13.514	162	185760	50.000	ng		96
48) 2-Nitroaniline	13.719	65	50098	51.670	ng		91
49) Acenaphthylene	14.360	152	302804	54.852	ng		99
50) Dimethylphthalate	14.090	163	236543	46.669	ng		99
51) 2,6-Dinitrotoluene	14.213	165	53284	47.929	ng	#	78
52) Acenaphthene	14.701	154	195669	58.534	ng		100
53) 3-Nitroaniline	14.542	138	34411	37.009	ng	#	84
54) 2,4-Dinitrophenol	14.759	184	61531	94.089	ng	#	82
55) Dibenzofuran	15.036	168	302952	50.934	ng		94
56) 4-Nitrophenol	14.877	139	68187	109.921	ng		98
57) 2,4-Dinitrotoluene	15.006	165	77943	48.905	ng	#	82
58) Fluorene	15.688	166	268564	54.917	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.271	232	87969	51.661	ng	#	88
60) Diethylphthalate	15.453	149	222869	45.836	ng		96
61) 4-Chlorophenyl-phenyle...	15.670	204	155117	48.322	ng	#	88
62) 4-Nitroaniline	15.705	138	42380	43.385	ng		90
63) Azobenzene	15.964	77	162538	46.264	ng		83
65) 4,6-Dinitro-2-methylph...	15.776	198	44882	47.009	ng		78
66) n-Nitrosodiphenylamine	15.887	169	207858	53.873	ng		95
67) 4-Bromophenyl-phenylether	16.569	248	113845	52.453	ng	#	91
68) Hexachlorobenzene	16.698	284	129309	52.098	ng	#	90
69) Atrazine	16.839	200	98728	57.503	ng		92
70) Pentachlorophenol	17.045	266	130596	119.356	ng		98
71) Phenanthrene	17.433	178	1173612	152.498	ng		94
72) Anthracene	17.521	178	504493	66.802	ng		100
73) Carbazole	17.791	167	393330	63.261	ng		99
74) Di-n-butylphthalate	18.343	149	338656	46.156	ng		98
75) Fluoranthene	19.454	202	2554806	243.529	ng		89
77) Benzidine	19.624	184	9354	2.943	ng	#	83
78) Pyrene	19.818	202	2396998	238.064	ng	#	86
80) Butylbenzylphthalate	20.682	149	143335	45.681	ng	#	84
81) Benzo(a)anthracene	21.645	228	1689170	151.643	ng		92
82) 3,3'-Dichlorobenzidine	21.551	252	86897	25.084	ng		95
83) Chrysene	21.716	228	1735259	164.887	ng	#	91
84) Bis(2-ethylhexyl)phtha...	21.534	149	212387	47.836	ng	#	92
85) Di-n-octyl phthalate	22.744	149	364623	48.138	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.631	276	1748210	117.829	ng		99
88) Benzo(b)fluoranthene	23.896	252	2373097	205.751	ng	#	95
89) Benzo(k)fluoranthene	23.949	252	1251103m	108.993	ng		
90) Benzo(a)pyrene	24.765	252	1925505m	195.483	ng		
91) Dibenzo(a,h)anthracene	28.667	278	760352	62.324	ng	#	95
92) Benzo(g,h,i)perylene	29.795	276	1655661	137.501	ng	#	91

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

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