Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
Data File : BG055240.D
Acq On : 21 Oct 2022 19:08
Operator : CG/JU
Sample : N5217-18MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 22 01:31:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-C1-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.288	152	44354	20.000	ng		0.00
21) Naphthalene-d8	11.114	136	191735	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	119134	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	250424	20.000	ng		0.00
76) Chrysene-d12	21.913	240	219662	20.000	ng		0.00
86) Perylene-d12	25.321	264	232368	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	348455	141.344	ng		0.00
7) Phenol-d6	7.430	99	470442	125.232	ng		0.00
23) Nitrobenzene-d5	9.463	82	296939	74.767	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	160915	130.352	ng		0.00
45) 2-Fluorobiphenyl	13.529	172	595417	79.831	ng		0.00
79) Terphenyl-d14	20.203	244	902977	76.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.623	88	48989	40.862	ng		98
3) Pyridine	4.040	79	135100	35.786	ng		97
4) n-Nitrosodimethylamine	3.946	42	76369	43.230	ng		97
6) Aniline	7.600	93	202077	41.493	ng		99
8) 2-Chlorophenol	7.847	128	156355	52.456	ng		97
9) Benzaldehyde	7.412	77	85309	32.669	ng		98
10) Phenol	7.454	94	211423	49.817	ng		99
11) bis(2-Chloroethyl)ether	7.689	93	151396	46.332	ng		98
12) 1,3-Dichlorobenzene	8.176	146	158484	49.016	ng		96
13) 1,4-Dichlorobenzene	8.323	146	160187	48.500	ng		98
14) 1,2-Dichlorobenzene	8.646	146	157359	50.002	ng		97
15) Benzyl Alcohol	8.517	79	151896	47.081	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.811	45	257705	43.760	ng		98
17) 2-Methylphenol	8.723	107	142779	48.602	ng		100
18) Hexachloroethane	9.387	117	59221	49.537	ng		93
19) n-Nitroso-di-n-propyla...	9.087	70	135742	42.131	ng		98
20) 3+4-Methylphenols	9.052	107	194704	47.155	ng		99
22) Acetophenone	9.110	105	239996	46.275	ng	#	98
24) Nitrobenzene	9.504	77	189459	44.613	ng		97
25) Isophorone	10.021	82	361443	44.483	ng		99
26) 2-Nitrophenol	10.215	139	87680	52.486	ng		99
27) 2,4-Dimethylphenol	10.262	122	157435	59.179	ng		97
28) bis(2-Chloroethoxy)met...	10.503	93	208402	53.374	ng		99
29) 2,4-Dichlorophenol	10.756	162	145848	51.348	ng		99
30) 1,2,4-Trichlorobenzene	10.973	180	141109	48.522	ng		99
31) Naphthalene	11.167	128	477441	47.191	ng		99
32) Benzoic acid	10.415	122	84723	44.491	ng		98
33) 4-Chloroaniline	11.267	127	125128	30.034	ng		98
34) Hexachlorobutadiene	11.443	225	83021	47.277	ng		100
35) Caprolactam	12.036	113	53746m	43.058	ng		
36) 4-Chloro-3-methylphenol	12.365	107	170940	46.284	ng		99
37) 2-Methylnaphthalene	12.747	142	333089	43.284	ng		100
38) 1-Methylnaphthalene	12.965	142	319846	42.101	ng		100
40) 1,2,4,5-Tetrachloroben...	13.112	216	152634	54.507	ng		98
41) Hexachlorocyclopentadiene	13.088	237	182612	143.196	ng		98
43) 2,4,6-Trichlorophenol	13.341	196	107821	50.590	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	118053	50.488	ng		97
46) 1,1'-Biphenyl	13.734	154	438717	52.007	ng		100
47) 2-Chloronaphthalene	13.787	162	325284	50.086	ng		100
48) 2-Nitroaniline	13.981	65	124180	47.117	ng		97
49) Acenaphthylene	14.628	152	542491	48.828	ng		100
50) Dimethylphthalate	14.340	163	426412	45.504	ng		100
51) 2,6-Dinitrotoluene	14.463	165	92869	49.391	ng		91
52) Acenaphthene	14.962	154	383854m	54.264	ng		
53) 3-Nitroaniline	14.792	138	75390	32.188	ng		98
54) 2,4-Dinitrophenol	15.004	184	107470	113.375	ng		95
55) Dibenzofuran	15.291	168	499825	49.055	ng		99
56) 4-Nitrophenol	15.092	139	172115	104.511	ng		96
57) 2,4-Dinitrotoluene	15.244	165	130703	49.713	ng		97
58) Fluorene	15.938	166	405170	47.218	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	97281	47.775	ng		99
60) Diethylphthalate	15.691	149	444105	45.301	ng		98
61) 4-Chlorophenyl-phenyle...	15.920	204	197805	49.666	ng		99
62) 4-Nitroaniline	15.950	138	108921	45.845	ng		99
63) Azobenzene	16.214	77	459606	46.386	ng		97
65) 4,6-Dinitro-2-methylph...	16.008	198	71024	53.095	ng		97
66) n-Nitrosodiphenylamine	16.132	169	357849	51.201	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	124584	51.041	ng		96
68) Hexachlorobenzene	16.937	284	135739	50.812	ng		96
69) Atrazine	17.066	200	135658	58.891	ng		99
70) Pentachlorophenol	17.277	266	153215	106.272	ng		96
71) Phenanthrene	17.677	178	638289	47.765	ng		100
72) Anthracene	17.765	178	655973	50.234	ng		99
73) Carbazole	18.029	167	629051	52.311	ng		100
74) Di-n-butylphthalate	18.558	149	794669	50.665	ng		100
75) Fluoranthene	19.663	202	732319	49.473	ng		99
77) Benzidine	19.827	184	483604	86.576	ng		99
78) Pyrene	20.021	202	739048	44.651	ng		99
80) Butylbenzylphthalate	20.885	149	355098	45.900	ng		95
81) Benzo(a)anthracene	21.890	228	682223	47.881	ng		99
82) 3,3'-Dichlorobenzidine	21.796	252	163267	33.372	ng		99
83) Chrysene	21.960	228	639615	48.204	ng		99
84) Bis(2-ethylhexyl)phtha...	21.760	149	514826	50.859	ng		100
85) Di-n-octyl phthalate	23.035	149	860424	57.012	ng		97
87) Indeno(1,2,3-cd)pyrene	29.257	276	801518	49.594	ng		99
88) Benzo(b)fluoranthene	24.234	252	711517	51.564	ng	#	96
89) Benzo(k)fluoranthene	24.304	252	692904	49.582	ng	#	97
90) Benzo(a)pyrene	25.162	252	627006	52.940	ng	#	94
91) Dibenzo(a,h)anthracene	29.316	278	689671	52.088	ng	#	93
92) Benzo(g,h,i)perylene	30.491	276	677585	52.827	ng	#	90

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

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