Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
Data File : BG057081.D
Acq On : 13 Apr 2023 14:06
Operator : CG/JU
Sample : 02292-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 13 14:43:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

04/14/2023
Supervised By :Jagrut Upadhyay

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.402	152	15011	20.000	ng		0.00
21) Naphthalene-d8	11.245	136	60006	20.000	ng	#	0.00
39) Acenaphthene-d10	15.016	164	43998	20.000	ng		0.00
64) Phenanthrene-d10	17.760	188	102845	20.000	ng		0.00
76) Chrysene-d12	22.077	240	88829	20.000	ng	#	0.00
86) Perylene-d12	25.608	264	96034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	130269	138.891	ng		0.00
7) Phenol-d6	7.538	99	183933	131.120	ng		0.00
23) Nitrobenzene-d5	9.583	82	115058	78.457	ng		0.00
42) 2,4,6-Tribromophenol	16.503	330	84393	120.067	ng		0.00
45) 2-Fluorobiphenyl	13.648	172	250515	77.208	ng		0.00
79) Terphenyl-d14	20.327	244	432114	82.316	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.720	88	18668	45.404	ng		92
3) Pyridine	4.143	79	54950	41.494	ng		99
4) n-Nitrosodimethylamine	4.049	42	28236	46.376	ng		98
6) Aniline	7.715	93	78452	43.747	ng		98
8) 2-Chlorophenol	7.961	128	53839	57.630	ng		95
9) Benzaldehyde	7.527	77	43853	49.841	ng		96
10) Phenol	7.568	94	78479	56.461	ng		97
11) bis(2-Chloroethyl)ether	7.803	93	52689	53.215	ng		99
12) 1,3-Dichlorobenzene	8.296	146	56882	55.104	ng		97
13) 1,4-Dichlorobenzene	8.443	146	58811	56.449	ng		94
14) 1,2-Dichlorobenzene	8.766	146	55163	54.804	ng		96
15) Benzyl Alcohol	8.637	79	59558	51.096	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	68362	57.290	ng		95
17) 2-Methylphenol	8.836	107	51878	52.314	ng		89
18) Hexachloroethane	9.506	117	20809	54.646	ng		94
19) n-Nitroso-di-n-propyla...	9.207	70	48471	48.308	ng	#	98
20) 3+4-Methylphenols	9.165	107	70285	50.686	ng		96
22) Acetophenone	9.236	105	87541	49.027	ng	#	98
24) Nitrobenzene	9.624	77	72686	48.479	ng		95
25) Isophorone	10.147	82	127618	45.698	ng		98
26) 2-Nitrophenol	10.346	139	29825	51.536	ng		89
27) 2,4-Dimethylphenol	10.387	122	52968	51.838	ng		98
28) bis(2-Chloroethoxy)met...	10.622	93	69443	49.670	ng		99
29) 2,4-Dichlorophenol	10.881	162	56265	51.201	ng		97
30) 1,2,4-Trichlorobenzene	11.098	180	59341	50.823	ng		99
31) Naphthalene	11.298	128	162638	49.725	ng		99
32) Benzoic acid	10.522	122	33788m	48.139	ng		
33) 4-Chloroaniline	11.392	127	51704	35.001	ng		96
34) Hexachlorobutadiene	11.568	225	41200	46.974	ng		95
35) Caprolactam	12.161	113	17065m	45.030	ng		
36) 4-Chloro-3-methylphenol	12.485	107	60117	48.918	ng		96
37) 2-Methylnaphthalene	12.872	142	118508	45.653	ng		98
38) 1-Methylnaphthalene	13.090	142	110909	45.501	ng		100
40) 1,2,4,5-Tetrachloroben...	13.231	216	75770	49.662	ng	#	98
41) Hexachlorocyclopentadiene	13.207	237	96455	114.740	ng		96
43) 2,4,6-Trichlorophenol	13.460	196	50261	51.623	ng		92

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44) 2,4,5-Trichlorophenol	13.536	196	53258	46.174	ng		96
46) 1,1'-Biphenyl	13.853	154	163055	50.626	ng		99
47) 2-Chloronaphthalene	13.906	162	124944	52.452	ng		98
48) 2-Nitroaniline	14.100	65	42663	50.088	ng		97
49) Acenaphthylene	14.746	152	196633	50.241	ng		100
50) Dimethylphthalate	14.452	163	163474	47.155	ng		98
51) 2,6-Dinitrotoluene	14.582	165	36236	48.378	ng		99
52) Acenaphthene	15.081	154	152483m	56.491	ng		
53) 3-Nitroaniline	14.917	138	26924	36.315	ng		95
54) 2,4-Dinitrophenol	15.122	184	48288	114.536	ng		94
55) Dibenzofuran	15.416	168	196786	48.574	ng		100
56) 4-Nitrophenol	15.210	139	57968	105.735	ng	#	86
57) 2,4-Dinitrotoluene	15.369	165	49742	47.086	ng		98
58) Fluorene	16.062	166	162292	48.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	49812	47.432	ng	#	97
60) Diethylphthalate	15.804	149	166313	47.855	ng		99
61) 4-Chlorophenyl-phenyle...	16.039	204	92412	46.951	ng		97
62) 4-Nitroaniline	16.074	138	37083	48.276	ng		90
63) Azobenzene	16.332	77	174389	50.350	ng		98
65) 4,6-Dinitro-2-methylph...	16.127	198	36406	58.449	ng		96
66) n-Nitrosodiphenylamine	16.250	169	136065	49.285	ng		98
67) 4-Bromophenyl-phenylether	16.931	248	61613	48.418	ng		96
68) Hexachlorobenzene	17.061	284	67256	53.459	ng		98
69) Atrazine	17.184	200	61922	54.032	ng		96
70) Pentachlorophenol	17.401	266	78855	87.367	ng		99
71) Phenanthrene	17.801	178	260400	49.661	ng		99
72) Anthracene	17.889	178	265045	49.308	ng		99
73) Carbazole	18.153	167	233675	49.861	ng		94
74) Di-n-butylphthalate	18.676	149	270367	49.819	ng		99
75) Fluoranthene	19.786	202	303543	45.666	ng		99
77) Benzidine	19.951	184	166687	68.652	ng		97
78) Pyrene	20.151	202	307429	50.038	ng		98
80) Butylbenzylphthalate	21.002	149	113570	53.717	ng		99
81) Benzo(a)anthracene	22.054	228	303279	49.338	ng		100
82) 3,3'-Dichlorobenzidine	21.954	252	77449	37.312	ng		96
83) Chrysene	22.130	228	273740	47.561	ng		97
84) Bis(2-ethylhexyl)phtha...	21.907	149	161479	52.746	ng		99
85) Di-n-octyl phthalate	23.217	149	275434	53.388	ng		100
87) Indeno(1,2,3-cd)pyrene	29.697	276	366711	51.669	ng	#	97
88) Benzo(b)fluoranthene	24.480	252	310112	51.640	ng		98
89) Benzo(k)fluoranthene	24.556	252	306431	51.112	ng	#	97
90) Benzo(a)pyrene	25.443	252	276083	46.784	ng		99
91) Dibenzo(a,h)anthracene	29.767	278	303580	52.037	ng		99
92) Benzo(g,h,i)perylene	30.989	276	290072	50.778	ng		97

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

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