Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057099.D
Acq On : 14 Apr 2023 14:15
Operator : CG/JU
Sample : 02320-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 14 15:41:59 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 :
E9074-BAYS-001MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.402	152	18360	20.000	ng		0.00
21) Naphthalene-d8	11.240	136	73811	20.000	ng		0.00
39) Acenaphthene-d10	15.017	164	48442	20.000	ng		0.00
64) Phenanthrene-d10	17.754	188	100873	20.000	ng		0.00
76) Chrysene-d12	22.072	240	91097	20.000	ng	#	0.00
86) Perylene-d12	25.603	264	99981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.918	112	154613	134.777	ng		0.00
7) Phenol-d6	7.539	99	209689	122.214	ng		0.00
23) Nitrobenzene-d5	9.583	82	134533	74.579	ng		0.00
42) 2,4,6-Tribromophenol	16.497	330	92347	119.330	ng		0.00
45) 2-Fluorobiphenyl	13.642	172	276125	77.294	ng		0.00
79) Terphenyl-d14	20.322	244	416764	77.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.721	88	21154	42.065	ng		99
3) Pyridine	4.143	79	60667	37.455	ng		97
4) n-Nitrosodimethylamine	4.050	42	30757	41.302	ng	#	89
6) Aniline	7.715	93	84639	38.588	ng		99
8) 2-Chlorophenol	7.962	128	62479	54.679	ng		91
9) Benzaldehyde	7.521	77	48777	45.325	ng		95
10) Phenol	7.568	94	90698	53.349	ng		94
11) bis(2-Chloroethyl)ether	7.803	93	60593	50.035	ng		96
12) 1,3-Dichlorobenzene	8.291	146	65643	51.991	ng		99
13) 1,4-Dichlorobenzene	8.438	146	65946	51.751	ng		98
14) 1,2-Dichlorobenzene	8.767	146	66237	53.802	ng		96
15) Benzyl Alcohol	8.632	79	64410	45.179	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.925	45	77058	52.799	ng		97
17) 2-Methylphenol	8.837	107	60704	50.048	ng		93
18) Hexachloroethane	9.501	117	25014	53.707	ng		95
19) n-Nitroso-di-n-propyla...	9.201	70	54342	44.280	ng	#	96
20) 3+4-Methylphenols	9.166	107	79859	47.085	ng		98
22) Acetophenone	9.231	105	104177	47.432	ng	#	95
24) Nitrobenzene	9.624	77	81666	44.281	ng		95
25) Isophorone	10.141	82	143496	41.774	ng		99
26) 2-Nitrophenol	10.341	139	36280	50.965	ng	#	83
27) 2,4-Dimethylphenol	10.382	122	61325	48.791	ng		97
28) bis(2-Chloroethoxy)met...	10.617	93	78100	45.414	ng		96
29) 2,4-Dichlorophenol	10.881	162	63783	47.187	ng		93
30) 1,2,4-Trichlorobenzene	11.099	180	68690	47.827	ng		96
31) Naphthalene	11.293	128	188144	46.765	ng		98
32) Benzoic acid	10.529	122	42888m	49.675	ng		
33) 4-Chloroaniline	11.393	127	62528	34.412	ng		98
34) Hexachlorobutadiene	11.563	225	48742	45.179	ng		95
35) Caprolactam	12.156	113	19114m	41.003	ng		
36) 4-Chloro-3-methylphenol	12.485	107	67370	44.567	ng		97
37) 2-Methylnaphthalene	12.867	142	135372	42.396	ng		99
38) 1-Methylnaphthalene	13.084	142	126455	42.176	ng		93
40) 1,2,4,5-Tetrachloroben...	13.225	216	86575	51.538	ng		98
41) Hexachlorocyclopentadiene	13.202	237	78112	84.396	ng		95
43) 2,4,6-Trichlorophenol	13.460	196	56220	52.446	ng		98

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44)	2,4,5-Trichlorophenol	13.531	196	59445	46.810	ng		97
46)	1,1'-Biphenyl	13.854	154	185443	52.295	ng		100
47)	2-Chloronaphthalene	13.907	162	142587	54.367	ng		96
48)	2-Nitroaniline	14.095	65	46468	49.550	ng		94
49)	Acenaphthylene	14.741	152	215002	49.895	ng		98
50)	Dimethylphthalate	14.453	163	173558	45.471	ng		97
51)	2,6-Dinitrotoluene	14.582	165	40600	49.232	ng		92
52)	Acenaphthene	15.082	154	162411m	54.649	ng		
53)	3-Nitroaniline	14.911	138	34226	41.929	ng		92
54)	2,4-Dinitrophenol	15.117	184	43680	94.101	ng		93
55)	Dibenzofuran	15.411	168	215954	48.415	ng		99
56)	4-Nitrophenol	15.211	139	63806	105.707	ng	#	82
57)	2,4-Dinitrotoluene	15.364	165	53941	46.376	ng	#	97
58)	Fluorene	16.057	166	173849	47.101	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.628	232	51722	44.732	ng	#	94
60)	Diethylphthalate	15.798	149	175308	45.815	ng		99
61)	4-Chlorophenyl-phenyle...	16.033	204	97096	44.805	ng		100
62)	4-Nitroaniline	16.074	138	38204	45.173	ng		86
63)	Azobenzene	16.327	77	180400	47.308	ng		97
65)	4,6-Dinitro-2-methylph...	16.127	198	33270	54.458	ng		98
66)	n-Nitrosodiphenylamine	16.251	169	147787	54.577	ng		97
67)	4-Bromophenyl-phenylether	16.926	248	61924	49.614	ng		98
68)	Hexachlorobenzene	17.061	284	69620	56.420	ng		100
69)	Atrazine	17.179	200	61867	55.040	ng		94
70)	Pentachlorophenol	17.402	266	84482	95.432	ng		94
71)	Phenanthrene	17.801	178	261884	50.921	ng		100
72)	Anthracene	17.890	178	276586	52.461	ng		98
73)	Carbazole	18.154	167	232674	50.618	ng		93
74)	Di-n-butylphthalate	18.671	149	278348	52.293	ng		99
75)	Fluoranthene	19.781	202	313069	48.020	ng		98
77)	Benzidine	19.951	184	48111	19.322	ng		99
78)	Pyrene	20.145	202	315607	50.091	ng		98
80)	Butylbenzylphthalate	21.003	149	122025	56.280	ng		94
81)	Benzo(a)anthracene	22.049	228	320825	50.893	ng		100
82)	3,3'-Dichlorobenzidine	21.949	252	91658	43.058	ng		98
83)	Chrysene	22.125	228	290638	49.240	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.902	149	229673	73.153	ng		97
85)	Di-n-octyl phthalate	23.212	149	288892	54.603	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.691	276	370484	50.139	ng	#	95
88)	Benzo(b)fluoranthene	24.475	252	322898	51.646	ng		99
89)	Benzo(k)fluoranthene	24.551	252	315903	50.612	ng	#	98
90)	Benzo(a)pyrene	25.438	252	286114	46.570	ng	#	98
91)	Dibenzo(a,h)anthracene	29.756	278	309832	51.012	ng		95
92)	Benzo(g,h,i)perylene	30.972	276	288490	48.508	ng		97

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

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