Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057427.D
Acq On : 13 May 2023 4:43
Operator : CG/JU
Sample : PB152629BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 13 05:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152629BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	15760	20.000	ng		0.00
21) Naphthalene-d8	11.205	136	66570	20.000	ng	#	0.00
39) Acenaphthene-d10	14.976	164	54155	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	136294	20.000	ng		0.00
76) Chrysene-d12	22.031	240	121976	20.000	ng		0.00
86) Perylene-d12	25.532	264	132525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.882	112	144592	156.942	ng		0.00
7) Phenol-d6	7.510	99	219809	157.114	ng		0.00
23) Nitrobenzene-d5	9.542	82	134178	84.596	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	120759	157.156	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	360290	89.602	ng		0.00
79) Terphenyl-d14	20.286	244	715958	95.788	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.674	88	13411	35.205	ng		98
3) Pyridine	4.097	79	38090	31.114	ng		95
4) n-Nitrosodimethylamine	4.008	42	23472	40.799	ng		92
6) Aniline	7.674	93	54989	30.983	ng		98
8) 2-Chlorophenol	7.927	128	52517	53.945	ng		96
9) Benzaldehyde	7.492	77	13579	13.714	ng		88
10) Phenol	7.533	94	73376	53.802	ng		95
11) bis(2-Chloroethyl)ether	7.762	93	46396	45.115	ng		99
12) 1,3-Dichlorobenzene	8.250	146	53047	49.371	ng		98
13) 1,4-Dichlorobenzene	8.397	146	53857	49.901	ng		97
14) 1,2-Dichlorobenzene	8.726	146	52591	50.476	ng		98
15) Benzyl Alcohol	8.596	79	56045	48.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.884	45	57183m	44.116	ng		
17) 2-Methylphenol	8.802	107	49172	50.017	ng		97
18) Hexachloroethane	9.460	117	19501	50.069	ng		91
19) n-Nitroso-di-n-propyla...	9.166	70	46289	43.391	ng		99
20) 3+4-Methylphenols	9.131	107	67920	50.455	ng		97
22) Acetophenone	9.195	105	84232	44.209	ng	#	95
24) Nitrobenzene	9.583	77	68302	42.665	ng		98
25) Isophorone	10.106	82	122973	39.983	ng		97
26) 2-Nitrophenol	10.300	139	30188	49.264	ng		97
27) 2,4-Dimethylphenol	10.347	122	56667	52.812	ng		98
28) bis(2-Chloroethoxy)met...	10.576	93	66487	43.151	ng		97
29) 2,4-Dichlorophenol	10.846	162	61994	54.474	ng		95
30) 1,2,4-Trichlorobenzene	11.058	180	62518	47.628	ng		98
31) Naphthalene	11.252	128	159332	44.770	ng		97
32) Benzoic acid	10.505	122	30153m	48.661	ng		
33) 4-Chloroaniline	11.357	127	32864	20.563	ng		98
34) Hexachlorobutadiene	11.522	225	43743	44.911	ng		96
35) Caprolactam	12.127	113	19781m	50.884	ng		
36) 4-Chloro-3-methylphenol	12.456	107	67673	52.326	ng		99
37) 2-Methylnaphthalene	12.832	142	125792	44.955	ng		93
38) 1-Methylnaphthalene	13.049	142	117278	44.467	ng		100
40) 1,2,4,5-Tetrachloroben...	13.190	216	88491	46.028	ng		100
41) Hexachlorocyclopentadiene	13.161	237	82896	88.940	ng		98
43) 2,4,6-Trichlorophenol	13.425	196	59213	50.554	ng		94

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44) 2,4,5-Trichlorophenol	13.507	196	63552	46.127	ng		99
46) 1,1'-Biphenyl	13.813	154	181745	45.227	ng		97
47) 2-Chloronaphthalene	13.872	162	140695	47.083	ng		97
48) 2-Nitroaniline	14.065	65	46668	45.930	ng		98
49) Acenaphthylene	14.706	152	221706	45.668	ng		99
50) Dimethylphthalate	14.418	163	194403	43.684	ng		98
51) 2,6-Dinitrotoluene	14.547	165	44056	48.487	ng		86
52) Acenaphthene	15.041	154	135940	44.811	ng		98
53) 3-Nitroaniline	14.882	138	25016	27.482	ng		89
54) 2,4-Dinitrophenol	15.093	184	57294	100.480	ng		98
55) Dibenzofuran	15.375	168	232919	45.696	ng		97
56) 4-Nitrophenol	15.187	139	63095	104.217	ng		90
57) 2,4-Dinitrotoluene	15.334	165	62876	48.419	ng		94
58) Fluorene	16.022	166	192993	45.967	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.599	232	65175	52.177	ng		98
60) Diethylphthalate	15.757	149	198712	43.969	ng		99
61) 4-Chlorophenyl-phenyle...	15.998	204	115176	45.537	ng		97
62) 4-Nitroaniline	16.045	138	42571	46.358	ng		92
63) Azobenzene	16.292	77	182612	41.878	ng		96
65) 4,6-Dinitro-2-methylph...	16.098	198	44288	54.426	ng		98
66) n-Nitrosodiphenylamine	16.215	169	170383	46.028	ng		99
67) 4-Bromophenyl-phenylether	16.891	248	77197	46.398	ng		97
68) Hexachlorobenzene	17.026	284	82993	51.330	ng		95
69) Atrazine	17.144	200	71743	50.806	ng		99
70) Pentachlorophenol	17.367	266	85785	92.062	ng		97
71) Phenanthrene	17.760	178	329766	47.218	ng		100
72) Anthracene	17.854	178	338331	47.212	ng		98
73) Carbazole	18.119	167	289573	47.999	ng		99
74) Di-n-butylphthalate	18.636	149	327898	47.239	ng	#	98
75) Fluoranthene	19.752	202	406241	46.768	ng		99
77) Benzidine	19.916	184	80589	29.553	ng		99
78) Pyrene	20.110	202	407607	45.987	ng		98
80) Butylbenzylphthalate	20.962	149	142711	50.745	ng		96
81) Benzo(a)anthracene	22.008	228	412639	47.482	ng		99
82) 3,3'-Dichlorobenzidine	21.902	252	123823	44.484	ng		95
83) Chrysene	22.078	228	375966	45.981	ng		98
84) Bis(2-ethylhexyl)phtha...	21.849	149	204238	49.084	ng		100
85) Di-n-octyl phthalate	23.147	149	350266	50.493	ng		97
87) Indeno(1,2,3-cd)pyrene	29.586	276	463977	48.038	ng	#	96
88) Benzo(b)fluoranthene	24.410	252	428346	49.445	ng		99
89) Benzo(k)fluoranthene	24.487	252	412906	46.904	ng		100
90) Benzo(a)pyrene	25.368	252	375536	44.371	ng		98
91) Dibenzo(a,h)anthracene	29.638	278	386428	48.042	ng		98
92) Benzo(g,h,i)perylene	30.866	276	372651	47.447	ng		98

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

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