Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
Data File : BG057741.D
Acq On : 16 Jun 2023 19:26
Operator : CG/JU
Sample : PB153314BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 03:58:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153314BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	31112	20.000	ng		-0.01
21) Naphthalene-d8	10.734	136	144886	20.000	ng		-0.01
39) Acenaphthene-d10	14.565	164	108926	20.000	ng		-0.01
64) Phenanthrene-d10	17.309	188	270961	20.000	ng		-0.01
76) Chrysene-d12	21.563	240	232243	20.000	ng		-0.01
86) Perylene-d12	24.724	264	288510	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	279787	146.431	ng		0.00
7) Phenol-d6	7.091	99	399656	136.154	ng		0.00
23) Nitrobenzene-d5	9.095	82	229808	96.168	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	189687	156.090	ng		-0.01
45) 2-Fluorobiphenyl	13.190	172	561748	76.873	ng		-0.01
79) Terphenyl-d14	19.929	244	1046033	83.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	29399	30.222	ng		93
3) Pyridine	3.795	79	79385	28.828	ng		91
4) n-Nitrosodimethylamine	3.713	42	49384	36.770	ng		84
6) Aniline	7.256	93	129264	33.565	ng		96
8) 2-Chlorophenol	7.497	128	101227	55.256	ng		95
9) Benzaldehyde	7.068	77	57963	32.037	ng		94
10) Phenol	7.121	94	145512	50.732	ng		97
11) bis(2-Chloroethyl)ether	7.350	93	95096	42.301	ng		97
12) 1,3-Dichlorobenzene	7.820	146	88896	41.949	ng		98
13) 1,4-Dichlorobenzene	7.967	146	91790	43.687	ng		97
14) 1,2-Dichlorobenzene	8.284	146	91132	44.640	ng		99
15) Benzyl Alcohol	8.167	79	104815	46.625	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	191759	39.174	ng		98
17) 2-Methylphenol	8.366	107	97784	46.329	ng		96
18) Hexachloroethane	9.019	117	32787	50.496	ng		98
19) n-Nitroso-di-n-propyla...	8.736	70	86569	40.788	ng		96
20) 3+4-Methylphenols	8.695	107	137667	47.703	ng		96
22) Acetophenone	8.754	105	164198	39.010	ng	#	95
24) Nitrobenzene	9.136	77	119145	45.867	ng		96
25) Isophorone	9.659	82	255408	38.033	ng		100
26) 2-Nitrophenol	9.847	139	46079	61.796	ng		92
27) 2,4-Dimethylphenol	9.900	122	105224	46.924	ng		99
28) bis(2-Chloroethoxy)met...	10.141	93	144916	41.511	ng		98
29) 2,4-Dichlorophenol	10.376	162	102684	53.981	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	101915	41.221	ng		99
31) Naphthalene	10.787	128	309184	39.706	ng		98
32) Benzoic acid	10.029	122	77894	88.890	ng		96
33) 4-Chloroaniline	10.887	127	73270	20.210	ng		98
34) Hexachlorobutadiene	11.069	225	61099	39.298	ng		99
35) Caprolactam	11.662	113	39189m	49.941	ng		
36) 4-Chloro-3-methylphenol	12.009	107	130725	48.509	ng		96
37) 2-Methylnaphthalene	12.391	142	222977	38.706	ng		98
38) 1-Methylnaphthalene	12.614	142	212490	39.318	ng		98
40) 1,2,4,5-Tetrachloroben...	12.761	216	121903	39.535	ng		99
41) Hexachlorocyclopentadiene	12.744	237	156076	132.711	ng		93
43) 2,4,6-Trichlorophenol	12.996	196	94550	47.422	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	102241	43.648	ng		97
46) 1,1'-Biphenyl	13.402	154	299426	39.786	ng		99
47) 2-Chloronaphthalene	13.443	162	236044	41.497	ng		97
48) 2-Nitroaniline	13.643	65	90009	55.379	ng		96
49) Acenaphthylene	14.289	152	392537	39.792	ng		98
50) Dimethylphthalate	14.024	163	333695	41.782	ng		100
51) 2,6-Dinitrotoluene	14.136	165	68384	55.503	ng		86
52) Acenaphthene	14.630	154	269081m	45.506	ng		
53) 3-Nitroaniline	14.465	138	48421	37.875	ng	#	93
54) 2,4-Dinitrophenol	14.671	184	71740	115.995	ng		99
55) Dibenzofuran	14.964	168	392462	39.541	ng		99
56) 4-Nitrophenol	14.771	139	130406	97.568	ng		92
57) 2,4-Dinitrotoluene	14.923	165	97167	59.218	ng	#	93
58) Fluorene	15.611	166	308929	39.072	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.188	232	96299	48.913	ng		99
60) Diethylphthalate	15.388	149	353173	42.838	ng		99
61) 4-Chlorophenyl-phenyle...	15.605	204	165587	39.091	ng		99
62) 4-Nitroaniline	15.634	138	74236	48.891	ng		91
63) Azobenzene	15.899	77	347866	39.242	ng		98
65) 4,6-Dinitro-2-methylph...	15.687	198	52558	69.541	ng		86
66) n-Nitrosodiphenylamine	15.822	169	285334	40.283	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	113209	41.032	ng		97
68) Hexachlorobenzene	16.616	284	122908	42.627	ng		99
69) Atrazine	16.768	200	121807	51.687	ng		99
70) Pentachlorophenol	16.956	266	167145	96.557	ng		96
71) Phenanthrene	17.350	178	526924	39.852	ng		100
72) Anthracene	17.444	178	534404	39.897	ng		100
73) Carbazole	17.708	167	516954	41.673	ng		99
74) Di-n-butylphthalate	18.278	149	639761	46.529	ng		98
75) Fluoranthene	19.359	202	642445	40.333	ng		99
77) Benzidine	19.541	184	320403	57.872	ng		98
78) Pyrene	19.724	202	662822	40.112	ng		99
80) Butylbenzylphthalate	20.617	149	279984	46.678	ng		98
81) Benzo(a)anthracene	21.545	228	658425	41.052	ng		99
82) 3,3'-Dichlorobenzidine	21.463	252	173058	33.127	ng		98
83) Chrysene	21.610	228	603147	39.515	ng		99
84) Bis(2-ethylhexyl)phtha...	21.463	149	401151	49.276	ng		99
85) Di-n-octyl phthalate	22.661	149	732255	52.164	ng		97
87) Indeno(1,2,3-cd)pyrene	28.319	276	800174	42.864	ng		99
88) Benzo(b)fluoranthene	23.725	252	684953	43.763	ng		99
89) Benzo(k)fluoranthene	23.789	252	677105	41.713	ng		97
90) Benzo(a)pyrene	24.577	252	613234	39.849	ng		99
91) Dibenzo(a,h)anthracene	28.390	278	667325	43.259	ng		98
92) Benzo(g,h,i)perylene	29.448	276	651145	42.290	ng		98

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

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