Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056647.D
Acq On : 16 Feb 2023 00:45
Operator : CG/JU
Sample : PB150875BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 16 01:57:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150875BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.435	152	12575	20.000	ng		0.00
21) Naphthalene-d8	11.279	136	53366	20.000	ng		0.00
39) Acenaphthene-d10	15.039	164	43598	20.000	ng		0.00
64) Phenanthrene-d10	17.777	188	111380	20.000	ng		# 0.00
76) Chrysene-d12	22.090	240	103230	20.000	ng		-0.01
86) Perylene-d12	25.633	264	117161	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.938	112	127849	165.423	ng		0.00
7) Phenol-d6	7.560	99	181851	159.290	ng		0.00
23) Nitrobenzene-d5	9.611	82	102923	98.748	ng		0.00
42) 2,4,6-Tribromophenol	16.514	330	93434	156.530	ng		0.00
45) 2-Fluorobiphenyl	13.671	172	286122	87.879	ng		0.00
79) Terphenyl-d14	20.345	244	626878	99.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.753	88	12859	37.951	ng		96
3) Pyridine	4.170	79	38690	36.099	ng		93
4) n-Nitrosodimethylamine	4.076	42	22252	44.542	ng		89
6) Aniline	7.742	93	56972	35.908	ng		93
8) 2-Chlorophenol	7.989	128	42511	55.593	ng		94
9) Benzaldehyde	7.554	77	28888	47.848	ng		87
10) Phenol	7.584	94	63175	54.097	ng		98
11) bis(2-Chloroethyl)ether	7.836	93	39999	45.649	ng		99
12) 1,3-Dichlorobenzene	8.324	146	43789	48.063	ng		95
13) 1,4-Dichlorobenzene	8.471	146	45342	49.417	ng		95
14) 1,2-Dichlorobenzene	8.800	146	44037	49.932	ng		99
15) Benzyl Alcohol	8.665	79	52451	51.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.953	45	54026	45.926	ng		97
17) 2-Methylphenol	8.858	107	41373	50.413	ng		98
18) Hexachloroethane	9.540	117	15186	52.249	ng		91
19) n-Nitroso-di-n-propyla...	9.235	70	40875	47.826	ng		96
20) 3+4-Methylphenols	9.188	107	55675	49.385	ng		91
22) Acetophenone	9.264	105	72310	44.346	ng	#	98
24) Nitrobenzene	9.652	77	54406	44.993	ng		94
25) Isophorone	10.175	82	111807	44.077	ng		99
26) 2-Nitrophenol	10.368	139	21332	49.706	ng		93
27) 2,4-Dimethylphenol	10.410	122	48155	49.102	ng		99
28) bis(2-Chloroethoxy)met...	10.651	93	57760	44.680	ng		98
29) 2,4-Dichlorophenol	10.903	162	51343	52.823	ng		98
30) 1,2,4-Trichlorobenzene	11.132	180	52071	44.972	ng		92
31) Naphthalene	11.326	128	130543	44.137	ng		98
32) Benzoic acid	10.515	122	32425m	51.298	ng		
33) 4-Chloroaniline	11.420	127	28613	21.175	ng		94
34) Hexachlorobutadiene	11.602	225	37192	44.948	ng		94
35) Caprolactam	12.178	113	16901m	54.062	ng		
36) 4-Chloro-3-methylphenol	12.501	107	56603	52.807	ng		98
37) 2-Methylnaphthalene	12.901	142	101186	43.329	ng		97
38) 1-Methylnaphthalene	13.112	142	95649	43.893	ng		96
40) 1,2,4,5-Tetrachloroben...	13.253	216	71821	44.314	ng		97
41) Hexachlorocyclopentadiene	13.236	237	96540	109.822	ng		96
43) 2,4,6-Trichlorophenol	13.477	196	50547	51.403	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.547	196	57090	48.441	ng		98
46)	1,1'-Biphenyl	13.882	154	145855	44.163	ng		97
47)	2-Chloronaphthalene	13.929	162	117408	44.924	ng		99
48)	2-Nitroaniline	14.117	65	35581	46.874	ng		87
49)	Acenaphthylene	14.769	152	189592	44.646	ng		98
50)	Dimethylphthalate	14.481	163	169663	47.075	ng		99
51)	2,6-Dinitrotoluene	14.599	165	32488	46.387	ng		92
52)	Acenaphthene	15.104	154	129405	49.402	ng		99
53)	3-Nitroaniline	14.928	138	20689	29.573	ng	#	94
54)	2,4-Dinitrophenol	15.128	184	40534	97.350	ng	#	65
55)	Dibenzofuran	15.433	168	192259	43.445	ng		98
56)	4-Nitrophenol	15.210	139	55592	103.714	ng		84
57)	2,4-Dinitrotoluene	15.380	165	45530	51.799	ng	#	91
58)	Fluorene	16.079	166	157539	45.025	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.651	232	55225	53.465	ng		93
60)	Diethylphthalate	15.827	149	167958	46.199	ng		99
61)	4-Chlorophenyl-phenyle...	16.062	204	96013	44.917	ng		99
62)	4-Nitroaniline	16.085	138	33144	45.457	ng		85
63)	Azobenzene	16.356	77	162857	44.759	ng		99
65)	4,6-Dinitro-2-methylph...	16.138	198	26508	46.087	ng		97
66)	n-Nitrosodiphenylamine	16.273	169	149402	46.109	ng		98
67)	4-Bromophenyl-phenylether	16.955	248	65062	45.498	ng		95
68)	Hexachlorobenzene	17.078	284	71711	49.221	ng		98
69)	Atrazine	17.202	200	62833	50.500	ng		98
70)	Pentachlorophenol	17.413	266	88325	91.543	ng		96
71)	Phenanthrene	17.819	178	284580	46.963	ng		98
72)	Anthracene	17.907	178	291674	47.041	ng		98
73)	Carbazole	18.171	167	251035	46.966	ng		97
74)	Di-n-butylphthalate	18.700	149	283463	47.389	ng		99
75)	Fluoranthene	19.799	202	366446	45.831	ng		100
77)	Benzidine	19.963	184	130362	52.799	ng		99
78)	Pyrene	20.163	202	368648	47.286	ng		99
80)	Butylbenzylphthalate	21.027	149	117541	50.207	ng		98
81)	Benzo(a)anthracene	22.072	228	362629	47.236	ng		99
82)	3,3'-Dichlorobenzidine	21.967	252	74849	30.051	ng		97
83)	Chrysene	22.143	228	335639	46.767	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.943	149	173713	49.518	ng		99
85)	Di-n-octyl phthalate	23.271	149	296770	50.897	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.734	276	450200	49.064	ng	#	99
88)	Benzo(b)fluoranthene	24.505	252	378518	49.452	ng		100
89)	Benzo(k)fluoranthene	24.581	252	362209	48.121	ng		97
90)	Benzo(a)pyrene	25.468	252	331304	45.030	ng		99
91)	Dibenzo(a,h)anthracene	29.805	278	369132	48.573	ng	#	96
92)	Benzo(g,h,i)perylene	31.015	276	359773	48.450	ng		94

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

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