Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059882.D
Acq On : 25 Nov 2023 8:33
Operator : MA/JU
Sample : PB157066BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 27 03:17:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	20361	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	105651	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	78842	20.000	ng	0.00
64) Phenanthrene-d10	17.702	188	176105	20.000	ng	# 0.00
76) Chrysene-d12	22.021	240	142024	20.000	ng	#-0.01
86) Perylene-d12	25.593	264	159304	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	238216	196.921	ng	0.00
7) Phenol-d6	7.449	99	266235	148.514	ng	0.00
23) Nitrobenzene-d5	9.518	82	253569	91.663	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	169628	189.622	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	573967	97.992	ng	0.00
79) Terphenyl-d14	20.276	244	1078252	112.077	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.636	88	18283	32.178	ng	# 85
3) Pyridine	4.059	79	56515	36.418	ng	# 90
4) n-Nitrosodimethylamine	3.983	42	47710	57.790	ng	# 68
6) Aniline	7.643	93	63020	26.638	ng	98
8) 2-Chlorophenol	7.872	128	70783	53.936	ng	83
9) Benzaldehyde	7.461	77	14267	11.774	ng	94
10) Phenol	7.473	94	99011	53.589	ng	92
11) bis(2-Chloroethyl)ether	7.731	93	50801	44.169	ng	87
12) 1,3-Dichlorobenzene	8.201	146	72117	49.472	ng	98
13) 1,4-Dichlorobenzene	8.354	146	75476m	51.560	ng	
14) 1,2-Dichlorobenzene	8.677	146	72572	49.900	ng	# 87
15) Benzyl Alcohol	8.554	79	114036	55.784	ng	# 76
16) 2,2'-oxybis(1-Chloropr...	8.836	45	18937m	44.752	ng	
17) 2-Methylphenol	8.742	107	72374	53.183	ng	92
18) Hexachloroethane	9.400	117	34109	54.898	ng	# 81
19) n-Nitroso-di-n-propyla...	9.124	70	66001	46.753	ng	95
20) 3+4-Methylphenols	9.077	107	100889	53.403	ng	96
22) Acetophenone	9.165	105	137316	45.908	ng	97
24) Nitrobenzene	9.570	77	127778	50.153	ng	92
25) Isophorone	10.070	82	196528	42.317	ng	96
26) 2-Nitrophenol	10.270	139	45641	48.863	ng	90
27) 2,4-Dimethylphenol	10.299	122	86992	45.806	ng	97
28) bis(2-Chloroethoxy)met...	10.552	93	79034	45.287	ng	# 92
29) 2,4-Dichlorophenol	10.798	162	88595	54.640	ng	87
30) 1,2,4-Trichlorobenzene	11.016	180	85356	52.088	ng	91
31) Naphthalene	11.221	128	254273	47.863	ng	98
32) Benzoic acid	10.422	122	66055m	51.108	ng	
33) 4-Chloroaniline	11.339	127	34693	15.353	ng	# 96
34) Hexachlorobutadiene	11.439	225	62879	56.380	ng	# 85
35) Caprolactam	12.126	113	30082m	50.763	ng	
36) 4-Chloro-3-methylphenol	12.408	107	126757	58.781	ng	96
37) 2-Methylnaphthalene	12.796	142	218471	48.827	ng	88
38) 1-Methylnaphthalene	13.013	142	208716m	50.582	ng	
40) 1,2,4,5-Tetrachloroben...	13.143	216	113987	53.534	ng	98
41) Hexachlorocyclopentadiene	13.090	237	129836	97.210	ng	93
43) 2,4,6-Trichlorophenol	13.378	196	79743	53.856	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.460	196	85599	49.201	ng		89
46) 1,1'-Biphenyl	13.789	154	303946	49.115	ng		94
47) 2-Chloronaphthalene	13.842	162	231531	54.449	ng		92
48) 2-Nitroaniline	14.059	65	83239	54.828	ng		91
49) Acenaphthylene	14.682	152	382372	52.738	ng		97
50) Dimethylphthalate	14.394	163	322690	52.815	ng		98
51) 2,6-Dinitrotoluene	14.541	165	62073	53.554	ng		97
52) Acenaphthene	15.017	154	235160	53.931	ng	#	88
53) 3-Nitroaniline	14.882	138	35731	26.336	ng	#	80
54) 2,4-Dinitrophenol	15.076	184	81160	94.229	ng	#	91
55) Dibenzofuran	15.346	168	373954	52.016	ng		95
56) 4-Nitrophenol	15.158	139	101042	97.345	ng	#	89
57) 2,4-Dinitrotoluene	15.317	165	89978	50.479	ng	#	96
58) Fluorene	15.992	166	319612	53.511	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.557	232	80639	52.728	ng		96
60) Diethylphthalate	15.734	149	359931	54.928	ng		96
61) 4-Chlorophenyl-phenyle...	15.975	204	166141	54.042	ng		97
62) 4-Nitroaniline	16.039	138	57277	42.124	ng		97
63) Azobenzene	16.268	77	354414	48.670	ng		93
65) 4,6-Dinitro-2-methylph...	16.063	198	50519	46.941	ng		98
66) n-Nitrosodiphenylamine	16.198	169	309002	60.066	ng		96
67) 4-Bromophenyl-phenylether	16.874	248	104830	55.410	ng		94
68) Hexachlorobenzene	16.968	284	104785	59.342	ng		94
69) Atrazine	17.126	200	123984	75.171	ng		95
70) Pentachlorophenol	17.326	266	136575	101.381	ng		93
71) Phenanthrene	17.749	178	526218	58.772	ng		94
72) Anthracene	17.837	178	514613m	55.317	ng		
73) Carbazole	18.113	167	414442	50.994	ng		99
74) Di-n-butylphthalate	18.613	149	518097	52.739	ng		99
75) Fluoranthene	19.735	202	534095	49.741	ng		98
77) Benzidine	19.923	184	148453	46.096	ng		96
78) Pyrene	20.099	202	526627	54.498	ng		98
80) Butylbenzylphthalate	20.951	149	212091	53.526	ng		97
81) Benzo(a)anthracene	21.997	228	516808	53.182	ng		94
82) 3,3'-Dichlorobenzidine	21.909	252	123582	34.135	ng		93
83) Chrysene	22.073	228	444784	49.930	ng		95
84) Bis(2-ethylhexyl)phtha...	21.821	149	285189	51.487	ng	#	91
85) Di-n-octyl phthalate	23.149	149	479968	45.011	ng		98
87) Indeno(1,2,3-cd)pyrene	29.729	276	760453m	63.087	ng		
88) Benzo(b)fluoranthene	24.429	252	557105	63.805	ng		96
89) Benzo(k)fluoranthene	24.518	252	493299	57.147	ng	#	98
90) Benzo(a)pyrene	25.417	252	456487	48.987	ng	#	92
91) Dibenzo(a,h)anthracene	29.817	278	636796	62.442	ng	#	94
92) Benzo(g,h,i)perylene	31.069	276	589597	60.931	ng	#	98

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

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