Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056077.D
Acq On : 23 Dec 2022 13:17
Operator : CG/JU
Sample : PB149688BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 24 00:04:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149688BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.356	152	7984	20.000	ng		0.00
21) Naphthalene-d8	11.188	136	33738	20.000	ng	#	0.00
39) Acenaphthene-d10	14.972	164	34632	20.000	ng		0.00
64) Phenanthrene-d10	17.704	188	104689	20.000	ng	#	0.00
76) Chrysene-d12	22.016	240	123291	20.000	ng		0.00
86) Perylene-d12	25.506	264	127297	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	52969	155.588	ng		0.00
7) Phenol-d6	7.492	99	66932	152.863	ng		0.00
23) Nitrobenzene-d5	9.531	82	43461	90.022	ng		0.00
42) 2,4,6-Tribromophenol	16.446	330	110743	132.613	ng		0.00
45) 2-Fluorobiphenyl	13.597	172	163590	66.249	ng		0.00
79) Terphenyl-d14	20.283	244	522428	74.891	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.691	88	3792	38.274	ng		94
3) Pyridine	4.114	79	10651	32.667	ng	#	88
4) n-Nitrosodimethylamine	4.014	42	10872	37.093	ng		97
6) Aniline	7.668	93	20328	38.776	ng		92
8) 2-Chlorophenol	7.915	128	21223	48.320	ng		96
9) Benzaldehyde	7.480	77	4023	14.630	ng		96
10) Phenol	7.516	94	24228	50.558	ng		95
11) bis(2-Chloroethyl)ether	7.757	93	13370	42.833	ng		89
12) 1,3-Dichlorobenzene	8.244	146	22736	40.017	ng		93
13) 1,4-Dichlorobenzene	8.391	146	24116	41.533	ng		98
14) 1,2-Dichlorobenzene	8.720	146	23130	41.682	ng		98
15) Benzyl Alcohol	8.585	79	21201	46.599	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.873	45	20339	50.064	ng		95
17) 2-Methylphenol	8.785	107	18041	47.849	ng		94
18) Hexachloroethane	9.455	117	7864	44.617	ng		95
19) n-Nitroso-di-n-propyla...	9.161	70	13345	42.520	ng	#	97
20) 3+4-Methylphenols	9.114	107	25343	47.101	ng		94
22) Acetophenone	9.184	105	32031	38.299	ng		98
24) Nitrobenzene	9.572	77	22522	46.346	ng		96
25) Isophorone	10.095	82	40570	40.075	ng		98
26) 2-Nitrophenol	10.295	139	13815	48.023	ng		96
27) 2,4-Dimethylphenol	10.330	122	22169m	45.886	ng		
28) bis(2-Chloroethoxy)met...	10.571	93	20566	45.966	ng		99
29) 2,4-Dichlorophenol	10.824	162	29287	42.709	ng		97
30) 1,2,4-Trichlorobenzene	11.047	180	32639	36.615	ng		97
31) Naphthalene	11.247	128	66203	37.189	ng		98
32) Benzoic acid	10.442	122	16960	41.761	ng		95
33) 4-Chloroaniline	11.335	127	19782	25.922	ng		96
34) Hexachlorobutadiene	11.523	225	27899	33.291	ng		96
35) Caprolactam	12.099	113	8267m	43.270	ng		
36) 4-Chloro-3-methylphenol	12.428	107	27622	42.958	ng		94
37) 2-Methylnaphthalene	12.821	142	57677	36.672	ng		97
38) 1-Methylnaphthalene	13.039	142	55479	36.209	ng		97
40) 1,2,4,5-Tetrachloroben...	13.180	216	51084	34.961	ng		97
41) Hexachlorocyclopentadiene	13.156	237	66930	80.741	ng		99
43) 2,4,6-Trichlorophenol	13.409	196	34432	39.808	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.485	196	38989	39.988	ng		99
46) 1,1'-Biphenyl	13.808	154	85686	36.502	ng		99
47) 2-Chloronaphthalene	13.855	162	69217	36.289	ng		96
48) 2-Nitroaniline	14.049	65	19545	51.747	ng		95
49) Acenaphthylene	14.695	152	112143	36.834	ng		99
50) Dimethylphthalate	14.408	163	109402	36.539	ng		99
51) 2,6-Dinitrotoluene	14.531	165	23154	49.972	ng		92
52) Acenaphthene	15.036	154	92448	45.231	ng		97
53) 3-Nitroaniline	14.860	138	15894	33.725	ng	#	89
54) 2,4-Dinitrophenol	15.066	184	37089	107.674	ng	#	77
55) Dibenzofuran	15.365	168	125816	36.605	ng		98
56) 4-Nitrophenol	15.148	139	36778	97.382	ng		96
57) 2,4-Dinitrotoluene	15.312	165	35279	50.442	ng	#	88
58) Fluorene	16.012	166	103197	36.729	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.583	232	45079	40.470	ng		99
60) Diethylphthalate	15.759	149	105930	36.197	ng		97
61) 4-Chlorophenyl-phenyle...	15.994	204	70284	36.721	ng		96
62) 4-Nitroaniline	16.017	138	22481	43.802	ng		100
63) Azobenzene	16.282	77	66620	37.401	ng		98
65) 4,6-Dinitro-2-methylph...	16.076	198	25110	50.210	ng		90
66) n-Nitrosodiphenylamine	16.205	169	99741	36.356	ng		97
67) 4-Bromophenyl-phenylether	16.881	248	55282	36.037	ng		96
68) Hexachlorobenzene	17.010	284	66403	35.143	ng		98
69) Atrazine	17.140	200	43279	34.841	ng		100
70) Pentachlorophenol	17.345	266	89006	82.396	ng		94
71) Phenanthrene	17.751	178	201745	36.773	ng		99
72) Anthracene	17.839	178	202106	37.236	ng		99
73) Carbazole	18.103	167	173356	38.726	ng		98
74) Di-n-butylphthalate	18.632	149	190566	36.606	ng		99
75) Fluoranthene	19.737	202	281472	36.639	ng		98
77) Benzidine	19.901	184	83043	38.354	ng		98
78) Pyrene	20.095	202	282602	37.880	ng		98
80) Butylbenzylphthalate	20.965	149	83124	39.321	ng		99
81) Benzo(a)anthracene	21.993	228	317437	36.589	ng		100
82) 3,3'-Dichlorobenzidine	21.893	252	115294	36.936	ng		94
83) Chrysene	22.063	228	297483	36.586	ng		99
84) Bis(2-ethylhexyl)phtha...	21.864	149	119194	37.951	ng		99
85) Di-n-octyl phthalate	23.168	149	202443	37.998	ng		99
87) Indeno(1,2,3-cd)pyrene	29.525	276	398169	38.897	ng	#	99
88) Benzo(b)fluoranthene	24.384	252	357790	43.429	ng		99
89) Benzo(k)fluoranthene	24.461	252	339053	41.249	ng		98
90) Benzo(a)pyrene	25.336	252	307749	44.192	ng		99
91) Dibenzo(a,h)anthracene	29.602	278	346851	40.483	ng	#	98
92) Benzo(g,h,i)perylene	30.783	276	333315	40.237	ng	#	98

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

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