Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050583.D
Acq On : 14 Oct 2021 11:19
Operator : CG/JU
Sample : PB139786BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139786BS

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:23 AM

Quant Time: Oct 14 13:31:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.260	152	40418	20.00	ng		0.00
21) Naphthalene-d8	11.086	136	180208	20.00	ng		# 0.00
39) Acenaphthene-d10	14.876	164	123835	20.00	ng		0.00
64) Phenanthrene-d10	17.620	188	276449	20.00	ng		# 0.00
76) Chrysene-d12	21.921	240	234211	20.00	ng		# 0.00
86) Perylene-d12	25.334	264	234907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	392476	145.22	ng		0.00
7) Phenol-d6	7.402	99	528808	135.15	ng		0.00
23) Nitrobenzene-d5	9.435	82	367012	84.31	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	159000	134.61	ng		0.00
45) 2-Fluorobiphenyl	13.501	172	676139	82.17	ng		0.00
79) Terphenyl-d14	20.211	244	1084350	90.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	45276	32.35	ng		91
3) Pyridine	4.059	79	111247	29.09	ng	#	93
4) n-Nitrosodimethylamine	3.977	42	81198	45.06	ng	#	45
6) Aniline	7.579	93	209007	45.98	ng		94
8) 2-Chlorophenol	7.819	128	134452	51.67	ng		89
9) Benzaldehyde	7.390	77	109893	45.19	ng		92
10) Phenol	7.432	94	190371	50.04	ng		86
11) bis(2-Chloroethyl)ether	7.667	93	135589	45.66	ng		86
12) 1,3-Dichlorobenzene	8.148	146	133574	44.47	ng		97
13) 1,4-Dichlorobenzene	8.295	146	134502	44.42	ng		95
14) 1,2-Dichlorobenzene	8.618	146	131360	45.41	ng		95
15) Benzyl Alcohol	8.495	79	153222	49.55	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.777	45	224983	46.46	ng		85
17) 2-Methylphenol	8.689	107	128076	51.16	ng		92
18) Hexachloroethane	9.353	117	53232	46.45	ng		92
19) n-Nitroso-di-n-propyla...	9.059	70	131683	46.17	ng	#	89
20) 3+4-Methylphenols	9.018	107	176040	49.96	ng		94
22) Acetophenone	9.083	105	216042	42.17	ng	#	99
24) Nitrobenzene	9.476	77	189251	43.72	ng		95
25) Isophorone	9.993	82	337520	43.71	ng	#	96
26) 2-Nitrophenol	10.187	139	75240	47.34	ng	#	93
27) 2,4-Dimethylphenol	10.234	122	139210	50.70	ng		95
28) bis(2-Chloroethoxy)met...	10.469	93	186640	42.27	ng		94
29) 2,4-Dichlorophenol	10.722	162	131960	47.15	ng		96
30) 1,2,4-Trichlorobenzene	10.939	180	134981	42.46	ng		91
31) Naphthalene	11.139	128	415962	43.12	ng		98
32) Benzoic acid	10.369	122	82511	40.49	ng	#	72
33) 4-Chloroaniline	11.239	127	145755	36.01	ng		96
34) Hexachlorobutadiene	11.409	225	81669	40.92	ng		97
35) Caprolactam	12.009	113	53448m	49.90	ng		
36) 4-Chloro-3-methylphenol	12.338	107	165131	47.20	ng		91
37) 2-Methylnaphthalene	12.720	142	301222	45.26	ng		95
38) 1-Methylnaphthalene	12.937	142	279487	43.31	ng		92
40) 1,2,4,5-Tetrachloroben...	13.084	216	150029	41.03	ng		97
41) Hexachlorocyclopentadiene	13.054	237	192605	91.13	ng		90
43) 2,4,6-Trichlorophenol	13.313	196	112303	43.58	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	121339	45.04	ng		91
46) 1,1'-Biphenyl	13.712	154	379661	42.03	ng		94
47) 2-Chloronaphthalene	13.765	162	298425	43.03	ng		99
48) 2-Nitroaniline	13.959	65	132453	48.01	ng		97
49) Acenaphthylene	14.606	152	498846	43.90	ng		98
50) Dimethylphthalate	14.324	163	414490	44.28	ng		99
51) 2,6-Dinitrotoluene	14.447	165	89313	47.64	ng		96
52) Acenaphthene	14.940	154	358512m	49.09	ng		
53) 3-Nitroaniline	14.782	138	86606	39.05	ng		86
54) 2,4-Dinitrophenol	14.982	184	102137	87.82	ng		92
55) Dibenzofuran	15.275	168	476251	42.17	ng		99
56) 4-Nitrophenol	15.076	139	163363	91.58	ng	#	83
57) 2,4-Dinitrotoluene	15.228	165	130917	49.54	ng		95
58) Fluorene	15.922	166	382820	44.13	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.493	232	102870	43.83	ng		94
60) Diethylphthalate	15.675	149	443829	45.13	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	203677	42.91	ng		96
62) 4-Nitroaniline	15.945	138	102618	44.48	ng	#	69
63) Azobenzene	16.198	77	499524	43.88	ng		83
65) 4,6-Dinitro-2-methylph...	15.992	198	70423	42.41	ng		88
66) n-Nitrosodiphenylamine	16.121	169	348513	44.37	ng		98
67) 4-Bromophenyl-phenylether	16.803	248	124783	44.79	ng		98
68) Hexachlorobenzene	16.920	284	127290	45.97	ng	#	92
69) Atrazine	17.061	200	145073	46.88	ng		98
70) Pentachlorophenol	17.267	266	156887	83.24	ng		98
71) Phenanthrene	17.667	178	650507	44.65	ng		98
72) Anthracene	17.755	178	666351	46.03	ng		98
73) Carbazole	18.025	167	617551	42.80	ng		98
74) Di-n-butylphthalate	18.560	149	763296	45.08	ng		97
75) Fluoranthene	19.664	202	773985	43.22	ng		96
77) Benzidine	19.835	184	480526	63.30	ng		97
78) Pyrene	20.023	202	772888	46.51	ng		97
80) Butylbenzylphthalate	20.892	149	331719	47.19	ng		97
81) Benzo(a)anthracene	21.903	228	695418	44.87	ng		99
82) 3,3'-Dichlorobenzidine	21.809	252	210631	41.01	ng	#	98
83) Chrysene	21.973	228	658671	45.18	ng		95
84) Bis(2-ethylhexyl)phtha...	21.779	149	483387	48.40	ng	#	97
85) Di-n-octyl phthalate	23.054	149	827733	49.69	ng		96
87) Indeno(1,2,3-cd)pyrene	29.259	276	775643	47.41	ng	#	94
88) Benzo(b)fluoranthene	24.247	252	715552	49.74	ng	#	93
89) Benzo(k)fluoranthene	24.324	252	683061	48.26	ng	#	97
90) Benzo(a)pyrene	25.176	252	690994	56.49	ng	#	96
91) Dibenzo(a,h)anthracene	29.341	278	654596	48.37	ng	#	94
92) Benzo(g,h,i)perylene	30.510	276	642068	48.44	ng	#	92

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

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