Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050599.D
Acq On : 15 Oct 2021 11:48
Operator : CG/JU
Sample : PB139878BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations APPROVED
mohammad
10/18/2021 12:40:26 PM

Quant Time: Oct 15 13:20:33 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	8.256	152	45021	20.00	ng		0.00
21) Naphthalene-d8	11.082	136	197988	20.00	ng		# 0.00
39) Acenaphthene-d10	14.878	164	132484	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	291971	20.00	ng		# 0.00
76) Chrysene-d12	21.922	240	239726	20.00	ng		# 0.00
86) Perylene-d12	25.330	264	243477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	405786	134.80	ng		0.00
7) Phenol-d6	7.404	99	546477	125.38	ng		0.00
23) Nitrobenzene-d5	9.431	82	377573	78.94	ng		0.00
42) 2,4,6-Tribromophenol	16.364	330	160406	126.94	ng		0.00
45) 2-Fluorobiphenyl	13.503	172	696912	79.17	ng		0.00
79) Terphenyl-d14	20.207	244	1081314	87.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.650	88	43768	28.07	ng		94
3) Pyridine	4.061	79	108923	25.57	ng	#	92
4) n-Nitrosodimethylamine	3.973	42	80503	40.11	ng	#	44
6) Aniline	7.574	93	217061	42.86	ng		95
8) 2-Chlorophenol	7.815	128	138614	47.82	ng		88
9) Benzaldehyde	7.386	77	112915	41.25	ng		91
10) Phenol	7.428	94	196035	46.26	ng		86
11) bis(2-Chloroethyl)ether	7.663	93	141960	42.92	ng		85
12) 1,3-Dichlorobenzene	8.144	146	138887	41.51	ng		95
13) 1,4-Dichlorobenzene	8.291	146	140908	41.77	ng		96
14) 1,2-Dichlorobenzene	8.614	146	136654	42.41	ng		95
15) Benzyl Alcohol	8.491	79	157135	45.62	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.773	45	233906	43.36	ng		84
17) 2-Methylphenol	8.691	107	132917	47.67	ng		92
18) Hexachloroethane	9.349	117	55042	43.12	ng		94
19) n-Nitroso-di-n-propyla...	9.061	70	134918	42.47	ng	#	90
20) 3+4-Methylphenols	9.020	107	180471	45.98	ng		94
22) Acetophenone	9.084	105	223871	39.77	ng		96
24) Nitrobenzene	9.472	77	193135	40.61	ng		95
25) Isophorone	9.995	82	345712	40.75	ng	#	96
26) 2-Nitrophenol	10.183	139	78068	44.71	ng		94
27) 2,4-Dimethylphenol	10.230	122	142473	47.22	ng		94
28) bis(2-Chloroethoxy)met...	10.471	93	196031	40.41	ng		93
29) 2,4-Dichlorophenol	10.718	162	136664	44.44	ng		95
30) 1,2,4-Trichlorobenzene	10.941	180	139561	39.95	ng		97
31) Naphthalene	11.135	128	436251	41.16	ng		98
32) Benzoic acid	10.365	122	82381	36.79	ng	#	77
33) 4-Chloroaniline	11.235	127	149304	33.58	ng		96
34) Hexachlorobutadiene	11.405	225	86535	39.46	ng		97
35) Caprolactam	12.010	113	53209m	45.21	ng		
36) 4-Chloro-3-methylphenol	12.334	107	168262	43.78	ng	#	90
37) 2-Methylnaphthalene	12.721	142	311957	42.66	ng		94
38) 1-Methylnaphthalene	12.939	142	284184	40.08	ng		95
40) 1,2,4,5-Tetrachloroben...	13.080	216	156159	39.91	ng		98
41) Hexachlorocyclopentadiene	13.056	237	199295	88.14	ng		93
43) 2,4,6-Trichlorophenol	13.315	196	114798	41.64	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.385	196	122742	42.58	ng		90
46)	1,1'-Biphenyl	13.714	154	382974	39.63	ng		94
47)	2-Chloronaphthalene	13.761	162	305656	41.19	ng		98
48)	2-Nitroaniline	13.961	65	131976	44.71	ng		93
49)	Acenaphthylene	14.602	152	505640	41.59	ng		97
50)	Dimethylphthalate	14.320	163	419232	41.86	ng		99
51)	2,6-Dinitrotoluene	14.443	165	91512	45.62	ng		88
52)	Acenaphthene	14.942	154	359801m	46.05	ng		
53)	3-Nitroaniline	14.778	138	88482	37.29	ng		87
54)	2,4-Dinitrophenol	14.983	184	102415	82.31	ng		90
55)	Dibenzofuran	15.271	168	479029	39.64	ng		97
56)	4-Nitrophenol	15.077	139	161126	84.43	ng	#	82
57)	2,4-Dinitrotoluene	15.230	165	129036	45.64	ng		93
58)	Fluorene	15.924	166	384435	41.42	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.495	232	104328	41.55	ng		96
60)	Diethylphthalate	15.671	149	440841	41.90	ng		97
61)	4-Chlorophenyl-phenyle...	15.906	204	207428	40.85	ng		98
62)	4-Nitroaniline	15.941	138	103352	41.87	ng	#	69
63)	Azobenzene	16.200	77	492604	40.45	ng		82
65)	4,6-Dinitro-2-methylph...	15.994	198	71105	40.55	ng		92
66)	n-Nitrosodiphenylamine	16.117	169	352647	42.51	ng		97
67)	4-Bromophenyl-phenylether	16.799	248	125087	42.52	ng		100
68)	Hexachlorobenzene	16.922	284	125522	42.93	ng	#	92
69)	Atrazine	17.057	200	144864	44.33	ng		99
70)	Pentachlorophenol	17.263	266	156244	78.49	ng		97
71)	Phenanthrene	17.663	178	647002	42.05	ng		98
72)	Anthracene	17.757	178	658117	43.05	ng		98
73)	Carbazole	18.021	167	615207	40.37	ng		98
74)	Di-n-butylphthalate	18.556	149	764194	42.73	ng	#	97
75)	Fluoranthene	19.660	202	774931	40.97	ng		96
77)	Benzidine	19.831	184	469502	60.43	ng		98
78)	Pyrene	20.019	202	766545	45.07	ng		97
80)	Butylbenzylphthalate	20.888	149	325940	45.31	ng		95
81)	Benzo(a)anthracene	21.899	228	677806	42.73	ng		100
82)	3,3'-Dichlorobenzidine	21.805	252	214772	40.85	ng	#	99
83)	Chrysene	21.969	228	651825	43.69	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.775	149	470136	45.99	ng	#	97
85)	Di-n-octyl phthalate	23.050	149	805166	47.23	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.261	276	757735	44.68	ng	#	93
88)	Benzo(b)fluoranthene	24.243	252	696892	46.74	ng	#	93
89)	Benzo(k)fluoranthene	24.320	252	662857	45.19	ng	#	97
90)	Benzo(a)pyrene	25.177	252	673107	53.09	ng	#	94
91)	Dibenzo(a,h)anthracene	29.331	278	630828	44.97	ng	#	92
92)	Benzo(g,h,i)perylene	30.495	276	625076	45.50	ng	#	90

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

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