Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050688.D
Acq On : 22 Oct 2021 13:53
Operator : CG/JU
Sample : PB140130BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140130BS

Manual Integrations APPROVED

mohammad
10/25/2021 1:46:52 PM

Quant Time: Oct 22 14:54:52 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	8.253	152	43174	20.000	ng		0.00
21) Naphthalene-d8	11.079	136	186958	20.000	ng		# 0.00
39) Acenaphthene-d10	14.874	164	121719	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	273199	20.000	ng		# 0.00
76) Chrysene-d12	21.919	240	246527	20.000	ng		# 0.00
86) Perylene-d12	25.333	264	239812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	363566	125.938	ng		0.00
7) Phenol-d6	7.401	99	475091	113.667	ng		0.00
23) Nitrobenzene-d5	9.428	82	332334	73.585	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	131806	113.529	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	593888	73.433	ng		0.00
79) Terphenyl-d14	20.204	244	991495	78.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	42071	28.138	ng		94
3) Pyridine	4.058	79	100809	24.681	ng	#	92
4) n-Nitrosodimethylamine	3.970	42	74791	38.856	ng	#	58
6) Aniline	7.571	93	184657	38.026	ng		94
8) 2-Chlorophenol	7.812	128	128588	46.262	ng		88
9) Benzaldehyde	7.383	77	102601	38.785	ng		89
10) Phenol	7.424	94	181035	44.547	ng		85
11) bis(2-Chloroethyl)ether	7.659	93	129883	40.949	ng		85
12) 1,3-Dichlorobenzene	8.141	146	131075	40.851	ng		95
13) 1,4-Dichlorobenzene	8.288	146	133162	41.166	ng		93
14) 1,2-Dichlorobenzene	8.611	146	128717	41.660	ng		94
15) Benzyl Alcohol	8.488	79	143522	43.452	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.776	45	215579	41.675	ng		86
17) 2-Methylphenol	8.688	107	122118	45.669	ng		91
18) Hexachloroethane	9.340	117	52242	42.672	ng		89
19) n-Nitroso-di-n-propyla...	9.058	70	124356	40.820	ng	#	89
20) 3+4-Methylphenols	9.017	107	166473	44.231	ng		95
22) Acetophenone	9.081	105	203674	38.319	ng		94
24) Nitrobenzene	9.469	77	178620	39.776	ng		94
25) Isophorone	9.986	82	309786	38.671	ng	#	95
26) 2-Nitrophenol	10.180	139	71816	43.553	ng	#	93
27) 2,4-Dimethylphenol	10.227	122	130141	45.682	ng		92
28) bis(2-Chloroethoxy)met...	10.468	93	176629	38.562	ng		92
29) 2,4-Dichlorophenol	10.715	162	123125	42.404	ng		95
30) 1,2,4-Trichlorobenzene	10.938	180	127845	38.760	ng		95
31) Naphthalene	11.132	128	395685	39.540	ng		98
32) Benzoic acid	10.374	122	75150	35.543	ng	#	77
33) 4-Chloroaniline	11.232	127	122331	29.135	ng		98
34) Hexachlorobutadiene	11.402	225	79739	38.507	ng		97
35) Caprolactam	12.007	113	47206m	42.479	ng		
36) 4-Chloro-3-methylphenol	12.330	107	150109	41.360	ng		94
37) 2-Methylnaphthalene	12.718	142	280189	40.579	ng		93
38) 1-Methylnaphthalene	12.936	142	258491	38.607	ng		91
40) 1,2,4,5-Tetrachloroben...	13.077	216	138881	38.638	ng		97
41) Hexachlorocyclopentadiene	13.047	237	168356	81.044	ng		91
43) 2,4,6-Trichlorophenol	13.312	196	100884	39.830	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	110000	41.539	ng		91
46) 1,1'-Biphenyl	13.711	154	344516	38.805	ng		95
47) 2-Chloronaphthalene	13.758	162	273752	40.156	ng		98
48) 2-Nitroaniline	13.958	65	116307	42.888	ng		94
49) Acenaphthylene	14.598	152	450432	40.325	ng		97
50) Dimethylphthalate	14.316	163	365937	39.775	ng		98
51) 2,6-Dinitrotoluene	14.446	165	79622	43.208	ng		87
52) Acenaphthene	14.939	154	320956m	44.715	ng		
53) 3-Nitroaniline	14.775	138	69821	32.032	ng		87
54) 2,4-Dinitrophenol	14.980	184	90920	79.531	ng		94
55) Dibenzofuran	15.268	168	424872	38.272	ng		97
56) 4-Nitrophenol	15.074	139	146687	83.659	ng	#	81
57) 2,4-Dinitrotoluene	15.227	165	115050	44.294	ng		95
58) Fluorene	15.914	166	338316	39.676	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	88801	38.496	ng		93
60) Diethylphthalate	15.668	149	392100	40.562	ng		96
61) 4-Chlorophenyl-phenyle...	15.903	204	179896	38.558	ng		98
62) 4-Nitroaniline	15.938	138	91047	40.147	ng	#	68
63) Azobenzene	16.196	77	434085	38.792	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	62868	38.312	ng		88
66) n-Nitrosodiphenylamine	16.114	169	308131	39.694	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	109155	39.650	ng		99
68) Hexachlorobenzene	16.913	284	112174	40.997	ng	#	91
69) Atrazine	17.054	200	128507	42.024	ng		97
70) Pentachlorophenol	17.260	266	135955	72.991	ng		96
71) Phenanthrene	17.659	178	578864	40.209	ng		98
72) Anthracene	17.753	178	583382	40.779	ng		97
73) Carbazole	18.018	167	564997	39.626	ng		99
74) Di-n-butylphthalate	18.553	149	718727	42.953	ng		98
75) Fluoranthene	19.657	202	736350	41.609	ng		96
77) Benzidine	19.828	184	357598	44.754	ng		99
78) Pyrene	20.021	202	732073	41.854	ng		98
80) Butylbenzylphthalate	20.885	149	325434	43.987	ng		95
81) Benzo(a)anthracene	21.896	228	668662	40.991	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	194662	36.008	ng	#	97
83) Chrysene	21.972	228	642652	41.883	ng		96
84) Bis(2-ethylhexyl)phtha...	21.766	149	461655	43.916	ng	#	96
85) Di-n-octyl phthalate	23.047	149	789681	45.039	ng		96
87) Indeno(1,2,3-cd)pyrene	29.258	276	725690	43.447	ng	#	88
88) Benzo(b)fluoranthene	24.246	252	687655	46.822	ng	#	92
89) Benzo(k)fluoranthene	24.316	252	633590	43.852	ng	#	97
90) Benzo(a)pyrene	25.180	252	652435	52.248	ng	#	95
91) Dibenzo(a,h)anthracene	29.334	278	612891	44.363	ng	#	90
92) Benzo(g,h,i)perylene	30.503	276	601878	44.482	ng	#	89

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

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