Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050615.D
Acq On : 18 Oct 2021 13:15
Operator : CG/JU
Sample : PB139968BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139968BS

Manual Integrations APPROVED
mohammad
10/19/2021 12:09:01 PM

Quant Time: Oct 18 14:23:50 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	8.255	152	39484	20.00	ng		0.00
21) Naphthalene-d8	11.081	136	183547	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	128102	20.00	ng		0.00
64) Phenanthrene-d10	17.620	188	292538	20.00	ng		# 0.00
76) Chrysene-d12	21.921	240	249049	20.00	ng		# 0.00
86) Perylene-d12	25.341	264	250065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	342652	129.79	ng		0.00
7) Phenol-d6	7.397	99	465324	121.73	ng		0.00
23) Nitrobenzene-d5	9.430	82	321387	72.48	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	140603	115.07	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	609509	71.61	ng		0.00
79) Terphenyl-d14	20.211	244	995363	77.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	42463	31.05	ng		94
3) Pyridine	4.060	79	101849	27.27	ng		94
4) n-Nitrosodimethylamine	3.972	42	70286	39.93	ng	#	42
6) Aniline	7.573	93	180007	40.53	ng	#	91
8) 2-Chlorophenol	7.814	128	123373	48.53	ng		87
9) Benzaldehyde	7.385	77	96096	39.86	ng		88
10) Phenol	7.426	94	178912	48.14	ng		85
11) bis(2-Chloroethyl)ether	7.661	93	125682	43.33	ng		86
12) 1,3-Dichlorobenzene	8.143	146	120437	41.04	ng		95
13) 1,4-Dichlorobenzene	8.290	146	121409	41.04	ng		95
14) 1,2-Dichlorobenzene	8.613	146	119534	42.30	ng		94
15) Benzyl Alcohol	8.490	79	141589	46.87	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.778	45	202049	42.71	ng		84
17) 2-Methylphenol	8.690	107	120072	49.10	ng		91
18) Hexachloroethane	9.348	117	48494	43.31	ng		90
19) n-Nitroso-di-n-propyla...	9.060	70	122109	43.83	ng	#	88
20) 3+4-Methylphenols	9.019	107	162727	47.28	ng		94
22) Acetophenone	9.083	105	200758	38.47	ng	#	96
24) Nitrobenzene	9.471	77	172435	39.11	ng		96
25) Isophorone	9.994	82	311390	39.59	ng	#	96
26) 2-Nitrophenol	10.188	139	68878	42.55	ng	#	92
27) 2,4-Dimethylphenol	10.229	122	129861	46.43	ng		97
28) bis(2-Chloroethoxy)met...	10.470	93	174897	38.89	ng		93
29) 2,4-Dichlorophenol	10.723	162	124156	43.55	ng		96
30) 1,2,4-Trichlorobenzene	10.940	180	122200	37.74	ng		99
31) Naphthalene	11.134	128	387411	39.43	ng		99
32) Benzoic acid	10.364	122	70492	33.96	ng	#	79
33) 4-Chloroaniline	11.234	127	117910	28.60	ng		97
34) Hexachlorobutadiene	11.404	225	73966	36.38	ng		95
35) Caprolactam	12.009	113	49273m	45.16	ng		
36) 4-Chloro-3-methylphenol	12.338	107	157299	44.15	ng	#	89
37) 2-Methylnaphthalene	12.720	142	283032	41.75	ng		92
38) 1-Methylnaphthalene	12.938	142	261736	39.82	ng		93
40) 1,2,4,5-Tetrachloroben...	13.079	216	140836	37.23	ng		96
41) Hexachlorocyclopentadiene	13.055	237	174108	79.64	ng		90
43) 2,4,6-Trichlorophenol	13.314	196	105713	39.66	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	116382	41.76	ng		91
46) 1,1'-Biphenyl	13.713	154	353145	37.79	ng		95
47) 2-Chloronaphthalene	13.760	162	281498	39.23	ng		98
48) 2-Nitroaniline	13.960	65	124867	43.75	ng		97
49) Acenaphthylene	14.606	152	474515	40.36	ng		97
50) Dimethylphthalate	14.318	163	390572	40.34	ng		100
51) 2,6-Dinitrotoluene	14.448	165	86420	44.56	ng		91
52) Acenaphthene	14.941	154	330626m	43.77	ng		
53) 3-Nitroaniline	14.777	138	76540	33.36	ng		87
54) 2,4-Dinitrophenol	14.982	184	88721	73.74	ng		92
55) Dibenzofuran	15.276	168	455377	38.98	ng		97
56) 4-Nitrophenol	15.076	139	154850	83.91	ng	#	81
57) 2,4-Dinitrotoluene	15.229	165	123795	45.29	ng		95
58) Fluorene	15.922	166	366116	40.80	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.493	232	95996	39.54	ng		95
60) Diethylphthalate	15.676	149	423180	41.60	ng		97
61) 4-Chlorophenyl-phenyle...	15.905	204	197354	40.19	ng		99
62) 4-Nitroaniline	15.940	138	97135	40.70	ng	#	66
63) Azobenzene	16.198	77	472184	40.09	ng		82
65) 4,6-Dinitro-2-methylph...	15.993	198	62923	35.81	ng		90
66) n-Nitrosodiphenylamine	16.122	169	330081	39.71	ng		96
67) 4-Bromophenyl-phenylether	16.804	248	120647	40.93	ng		98
68) Hexachlorobenzene	16.921	284	121338	41.41	ng	#	93
69) Atrazine	17.062	200	135914	41.51	ng		97
70) Pentachlorophenol	17.262	266	146638	73.52	ng		100
71) Phenanthrene	17.667	178	623792	40.47	ng		98
72) Anthracene	17.755	178	632790	41.31	ng		98
73) Carbazole	18.020	167	584690	38.30	ng		99
74) Di-n-butylphthalate	18.560	149	731308	40.82	ng	#	97
75) Fluoranthene	19.659	202	741543	39.13	ng		96
77) Benzidine	19.835	184	349941	43.35	ng		99
78) Pyrene	20.023	202	745121	42.17	ng		97
80) Butylbenzylphthalate	20.893	149	320066	42.82	ng		98
81) Benzo(a)anthracene	21.904	228	671583	40.75	ng		100
82) 3,3'-Dichlorobenzidine	21.810	252	197361	36.14	ng	#	98
83) Chrysene	21.974	228	639659	41.27	ng		96
84) Bis(2-ethylhexyl)phtha...	21.774	149	459968	43.31	ng	#	98
85) Di-n-octyl phthalate	23.055	149	788265	44.50	ng		96
87) Indeno(1,2,3-cd)pyrene	29.266	276	743633	42.70	ng	#	97
88) Benzo(b)fluoranthene	24.248	252	692466	45.22	ng	#	93
89) Benzo(k)fluoranthene	24.318	252	664440	44.10	ng	#	97
90) Benzo(a)pyrene	25.182	252	660767	50.75	ng	#	95
91) Dibenzo(a,h)anthracene	29.336	278	620036	43.04	ng	#	92
92) Benzo(g,h,i)perylene	30.505	276	614071	43.52	ng	#	90

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

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