Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050630.D
Acq On : 19 Oct 2021 11:29
Operator : CG/JU
Sample : PB139947BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139947BS

Manual Integrations APPROVED
mohammad
10/20/2021 1:53:52 PM

Quant Time: Oct 19 12:18:22 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	39964	20.00	ng		0.00
21) Naphthalene-d8	11.076	136	169304	20.00	ng		# 0.00
39) Acenaphthene-d10	14.871	164	112383	20.00	ng		0.00
64) Phenanthrene-d10	17.615	188	252008	20.00	ng		# 0.00
76) Chrysene-d12	21.916	240	229754	20.00	ng		# 0.00
86) Perylene-d12	25.324	264	231826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	339547	127.07	ng		0.00
7) Phenol-d6	7.398	99	450886	116.54	ng		0.00
23) Nitrobenzene-d5	9.425	82	314321	76.85	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	126635	118.14	ng		0.00
45) 2-Fluorobiphenyl	13.497	172	566810	75.91	ng		0.00
79) Terphenyl-d14	20.206	244	970986	82.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	41453	29.95	ng		92
3) Pyridine	4.061	79	103764	27.45	ng		93
4) n-Nitrosodimethylamine	3.978	42	75688	42.48	ng	#	47
6) Aniline	7.574	93	198289	44.11	ng		93
8) 2-Chlorophenol	7.815	128	118423	46.03	ng		86
9) Benzaldehyde	7.386	77	97909	40.16	ng		91
10) Phenol	7.427	94	169958	45.18	ng		83
11) bis(2-Chloroethyl)ether	7.662	93	124568	42.43	ng		85
12) 1,3-Dichlorobenzene	8.144	146	125496	42.25	ng		97
13) 1,4-Dichlorobenzene	8.291	146	127196	42.48	ng		98
14) 1,2-Dichlorobenzene	8.608	146	122310	42.77	ng		95
15) Benzyl Alcohol	8.491	79	134209	43.90	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.779	45	204128	42.63	ng		86
17) 2-Methylphenol	8.685	107	110931	44.82	ng		91
18) Hexachloroethane	9.348	117	49228	43.44	ng		91
19) n-Nitroso-di-n-propyla...	9.055	70	116396	41.28	ng	#	90
20) 3+4-Methylphenols	9.014	107	155715	44.70	ng		94
22) Acetophenone	9.078	105	195501	40.62	ng	#	96
24) Nitrobenzene	9.466	77	169968	41.80	ng		98
25) Isophorone	9.989	82	298521	41.15	ng	#	96
26) 2-Nitrophenol	10.183	139	65689	43.99	ng		90
27) 2,4-Dimethylphenol	10.224	122	121945	47.27	ng		91
28) bis(2-Chloroethoxy)met...	10.465	93	166632	40.17	ng		94
29) 2,4-Dichlorophenol	10.717	162	113707	43.24	ng		96
30) 1,2,4-Trichlorobenzene	10.935	180	121981	40.84	ng		96
31) Naphthalene	11.129	128	375600	41.45	ng		97
32) Benzoic acid	10.359	122	57716	30.14	ng	#	69
33) 4-Chloroaniline	11.229	127	154889	40.74	ng		97
34) Hexachlorobutadiene	11.405	225	73019	38.94	ng		94
35) Caprolactam	12.004	113	45973m	45.68	ng		
36) 4-Chloro-3-methylphenol	12.327	107	144454	43.95	ng	#	89
37) 2-Methylnaphthalene	12.715	142	263265	42.10	ng		93
38) 1-Methylnaphthalene	12.933	142	242746	40.04	ng		91
40) 1,2,4,5-Tetrachloroben...	13.074	216	130916	39.45	ng		96
41) Hexachlorocyclopentadiene	13.050	237	171026	89.17	ng		93
43) 2,4,6-Trichlorophenol	13.309	196	95193	40.70	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	102101	41.76	ng		89
46) 1,1'-Biphenyl	13.708	154	324882	39.63	ng		95
47) 2-Chloronaphthalene	13.755	162	257693	40.94	ng		99
48) 2-Nitroaniline	13.955	65	110947	44.31	ng		92
49) Acenaphthylene	14.601	152	435115	42.19	ng		97
50) Dimethylphthalate	14.319	163	356005	41.91	ng		99
51) 2,6-Dinitrotoluene	14.443	165	75540	44.40	ng		89
52) Acenaphthene	14.936	154	301912m	45.56	ng		
53) 3-Nitroaniline	14.777	138	83619	41.55	ng		92
54) 2,4-Dinitrophenol	14.977	184	82758	78.40	ng		89
55) Dibenzofuran	15.271	168	409566	39.96	ng		97
56) 4-Nitrophenol	15.071	139	140815	86.98	ng	#	79
57) 2,4-Dinitrotoluene	15.224	165	110944	46.26	ng		93
58) Fluorene	15.917	166	328243	41.69	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.488	232	83186	39.06	ng		93
60) Diethylphthalate	15.671	149	377376	42.28	ng		97
61) 4-Chlorophenyl-phenyle...	15.900	204	172639	40.08	ng		96
62) 4-Nitroaniline	15.935	138	91114	43.51	ng	#	69
63) Azobenzene	16.193	77	420411	40.69	ng		83
65) 4,6-Dinitro-2-methylph...	15.988	198	59141	39.07	ng		89
66) n-Nitrosodiphenylamine	16.117	169	295606	41.28	ng		96
67) 4-Bromophenyl-phenylether	16.799	248	105999	41.74	ng		99
68) Hexachlorobenzene	16.916	284	106121	42.05	ng	#	92
69) Atrazine	17.057	200	123811	43.89	ng		96
70) Pentachlorophenol	17.257	266	130265	75.82	ng		99
71) Phenanthrene	17.662	178	559978	42.17	ng		98
72) Anthracene	17.750	178	575123	43.58	ng		98
73) Carbazole	18.015	167	547271	41.61	ng		99
74) Di-n-butylphthalate	18.549	149	686681	44.49	ng		98
75) Fluoranthene	19.654	202	697917	42.75	ng		96
77) Benzidine	19.830	184	571819	76.79	ng		97
78) Pyrene	20.018	202	702542	43.10	ng		97
80) Butylbenzylphthalate	20.888	149	308078	44.68	ng		99
81) Benzo(a)anthracene	21.893	228	648883	42.68	ng		99
82) 3,3'-Dichlorobenzidine	21.804	252	230388	45.73	ng	#	95
83) Chrysene	21.969	228	625168	43.72	ng		98
84) Bis(2-ethylhexyl)phtha...	21.769	149	449830	45.92	ng	#	95
85) Di-n-octyl phthalate	23.044	149	770227	47.14	ng		97
87) Indeno(1,2,3-cd)pyrene	29.249	276	735344	45.54	ng	#	88
88) Benzo(b)fluoranthene	24.237	252	672114	47.34	ng	#	93
89) Benzo(k)fluoranthene	24.307	252	638892	45.74	ng	#	97
90) Benzo(a)pyrene	25.165	252	645719	53.49	ng	#	95
91) Dibenzo(a,h)anthracene	29.325	278	615318	46.07	ng	#	93
92) Benzo(g,h,i)perylene	30.483	276	608456	46.52	ng	#	87

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

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