Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048647.D
Acq On : 9 Apr 2021 16:20
Operator : CG/JU
Sample : PB135656BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135656BS

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:18 PM

Quant Time: Apr 09 17:25:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	22492	20.00	ng		-0.01
21) Naphthalene-d8	10.914	136	91402	20.00	ng		#-0.01
39) Acenaphthene-d10	14.745	164	62712	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	160207	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	164793	20.00	ng		# 0.00
86) Perylene-d12	25.127	264	160878	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	130241	102.23	ng		0.00
7) Phenol-d6	7.242	99	161476	87.40	ng		0.00
23) Nitrobenzene-d5	9.263	82	161461	85.52	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	82990	100.67	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	388502	92.08	ng		0.00
79) Terphenyl-d14	20.103	244	844427	93.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	17851	34.83	ng	#	90
3) Pyridine	3.899	79	48725	37.92	ng		94
4) n-Nitrosodimethylamine	3.816	42	35199	41.92	ng		96
6) Aniline	7.400	93	35721	16.83	ng	#	95
8) 2-Chlorophenol	7.653	128	67145	46.64	ng		90
9) Benzaldehyde	7.218	77	46170	39.09	ng		90
10) Phenol	7.271	94	79682	43.08	ng		98
11) bis(2-Chloroethyl)ether	7.500	93	55557	43.28	ng		95
12) 1,3-Dichlorobenzene	7.976	146	76220	47.00	ng		99
13) 1,4-Dichlorobenzene	8.129	146	71479	43.71	ng		92
14) 1,2-Dichlorobenzene	8.446	146	71547	45.68	ng		96
15) Benzyl Alcohol	8.329	79	64696	42.75	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.611	45	51933	41.95	ng		98
17) 2-Methylphenol	8.534	107	54826	45.81	ng		88
18) Hexachloroethane	9.181	117	27475	45.22	ng	#	82
19) n-Nitroso-di-n-propyla...	8.893	70	48259	37.89	ng		92
20) 3+4-Methylphenols	8.857	107	74281	44.71	ng		96
22) Acetophenone	8.916	105	97126	41.22	ng	#	92
24) Nitrobenzene	9.304	77	77147	41.64	ng		98
25) Isophorone	9.827	82	135360	38.83	ng		99
26) 2-Nitrophenol	10.021	139	38330	45.03	ng		93
27) 2,4-Dimethylphenol	10.074	122	64155	47.90	ng		93
28) bis(2-Chloroethoxy)met...	10.309	93	73423	45.95	ng		95
29) 2,4-Dichlorophenol	10.561	162	68521	45.18	ng		95
30) 1,2,4-Trichlorobenzene	10.773	180	78414	44.99	ng		91
31) Naphthalene	10.967	128	203341	43.27	ng		98
32) Benzoic acid	10.215	122	38359	37.23	ng		91
33) 4-Chloroaniline	11.078	127	19795	9.98	ng	#	91
34) Hexachlorobutadiene	11.249	225	55073	43.27	ng		96
35) Caprolactam	11.848	113	24721m	44.67	ng		
36) 4-Chloro-3-methylphenol	12.195	107	73034	42.88	ng		98
37) 2-Methylnaphthalene	12.571	142	155898	41.67	ng		95
38) 1-Methylnaphthalene	12.788	142	145757	40.85	ng		95
40) 1,2,4,5-Tetrachloroben...	12.935	216	89233	45.90	ng		98
41) Hexachlorocyclopentadiene	12.912	237	126771	112.57	ng		95
43) 2,4,6-Trichlorophenol	13.176	196	60485	45.27	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	66306	46.38	ng		92
46) 1,1'-Biphenyl	13.575	154	207866	45.36	ng		97
47) 2-Chloronaphthalene	13.623	162	155458	44.53	ng		96
48) 2-Nitroaniline	13.816	65	50215	45.25	ng	#	83
49) Acenaphthylene	14.463	152	264061	48.25	ng		99
50) Dimethylphthalate	14.187	163	216544	46.52	ng	#	98
51) 2,6-Dinitrotoluene	14.310	165	49806	46.77	ng		96
52) Acenaphthene	14.809	154	163932	41.41	ng		98
53) 3-Nitroaniline	14.645	138	14434	13.82	ng	#	90
54) 2,4-Dinitrophenol	14.850	184	60197	100.53	ng		96
55) Dibenzofuran	15.144	168	251570	43.51	ng		92
56) 4-Nitrophenol	14.956	139	84217	99.91	ng		84
57) 2,4-Dinitrotoluene	15.097	165	72753	48.30	ng		98
58) Fluorene	15.791	166	214076	44.24	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	65151	46.71	ng		97
60) Diethylphthalate	15.550	149	227417	47.55	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.779	204	118334	45.45	ng		92
62) 4-Nitroaniline	15.808	138	51151	46.83	ng		90
63) Azobenzene	16.073	77	189735	40.32	ng		97
65) 4,6-Dinitro-2-methylph...	15.861	198	43302	44.98	ng		98
66) n-Nitrosodiphenylamine	15.996	169	193205	42.39	ng		98
67) 4-Bromophenyl-phenylether	16.678	248	77624	43.71	ng		92
68) Hexachlorobenzene	16.795	284	86272	46.52	ng		96
69) Atrazine	16.942	200	88662	47.69	ng		91
70) Pentachlorophenol	17.142	266	105891	91.87	ng		90
71) Phenanthrene	17.536	178	364366	43.81	ng		100
72) Anthracene	17.630	178	384390	46.38	ng		99
73) Carbazole	17.900	167	346245	44.06	ng		97
74) Di-n-butylphthalate	18.446	149	419277	47.75	ng		97
75) Fluoranthene	19.545	202	473045	45.88	ng		94
77) Benzidine	19.721	184	120835	21.65	ng		97
78) Pyrene	19.909	202	483011	42.63	ng		98
80) Butylbenzylphthalate	20.791	149	188475	44.79	ng		97
81) Benzo(a)anthracene	21.772	228	479844	43.58	ng		100
82) 3,3'-Dichlorobenzidine	21.678	252	71977	19.03	ng		91
83) Chrysene	21.842	228	448426	42.68	ng		97
84) Bis(2-ethylhexyl)phtha...	21.660	149	268279	45.77	ng		98
85) Di-n-octyl phthalate	22.912	149	458101	44.83	ng		99
87) Indeno(1,2,3-cd)pyrene	28.963	276	513445	45.52	ng	#	85
88) Benzo(b)fluoranthene	24.063	252	481081	46.04	ng	#	98
89) Benzo(k)fluoranthene	24.134	252	464240	46.21	ng		94
90) Benzo(a)pyrene	24.974	252	425903	44.23	ng		98
91) Dibenzo(a,h)anthracene	29.034	278	402154	41.78	ng		96
92) Benzo(g,h,i)perylene	30.162	276	380126	40.32	ng		97

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

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