Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048028.D
Acq On : 27 Jan 2021 13:46
Operator : CG/JU
Sample : PB134351BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 14:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134351BS

Manual Integrations APPROVED
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1/28/2021 11:46:30 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.128	152	47780	20.00	ng		# 0.00
21) Naphthalene-d8	10.943	136	175157	20.00	ng		0.00
39) Acenaphthene-d10	14.750	164	123151	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	302411	20.00	ng		# 0.00
76) Chrysene-d12	21.765	240	332207	20.00	ng		#-0.01
86) Perylene-d12	25.050	264	339206	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	374383	120.42	ng		0.00
7) Phenol-d6	7.276	99	518734	109.74	ng		0.00
23) Nitrobenzene-d5	9.292	82	306268	69.19	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	226137	110.25	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	655861	68.86	ng		-0.01
79) Terphenyl-d14	20.091	244	1225026	63.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.563	88	52638	37.98	ng	#	93
3) Pyridine	3.962	79	159887	38.43	ng		90
4) n-Nitrosodimethylamine	3.874	42	80537	41.90	ng	#	87
6) Aniline	7.441	93	175840	30.79	ng		92
8) 2-Chlorophenol	7.688	128	146449	45.00	ng		90
9) Benzaldehyde	7.253	77	25097	10.35	ng	#	82
10) Phenol	7.306	94	201632	44.50	ng		77
11) bis(2-Chloroethyl)ether	7.541	93	146645	41.32	ng		96
12) 1,3-Dichlorobenzene	8.017	146	161815	41.19	ng	#	89
13) 1,4-Dichlorobenzene	8.163	146	164955	41.89	ng		95
14) 1,2-Dichlorobenzene	8.481	146	154571	41.12	ng		96
15) Benzyl Alcohol	8.357	79	162820	40.71	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.651	45	187146	37.58	ng		95
17) 2-Methylphenol	8.557	107	127196	41.54	ng	#	87
18) Hexachloroethane	9.221	117	64089	41.72	ng		96
19) n-Nitroso-di-n-propyla...	8.933	70	127342	36.91	ng		96
20) 3+4-Methylphenols	8.886	107	177029	41.78	ng		89
22) Acetophenone	8.945	105	231154	42.82	ng	#	93
24) Nitrobenzene	9.333	77	193718	43.69	ng	#	86
25) Isophorone	9.856	82	334479	42.10	ng		94
26) 2-Nitrophenol	10.044	139	85905	47.09	ng	#	74
27) 2,4-Dimethylphenol	10.097	122	140752	53.10	ng		87
28) bis(2-Chloroethoxy)met...	10.337	93	193549	40.49	ng	#	97
29) 2,4-Dichlorophenol	10.578	162	157173	46.09	ng		96
30) 1,2,4-Trichlorobenzene	10.802	180	180994	43.90	ng		95
31) Naphthalene	10.990	128	440665	43.51	ng		99
32) Benzoic acid	10.226	122	97093	40.90	ng	#	81
33) 4-Chloroaniline	11.089	127	84326	18.22	ng	#	89
34) Hexachlorobutadiene	11.277	225	125774	42.95	ng		96
35) Caprolactam	11.859	113	48022m	36.99	ng		
36) 4-Chloro-3-methylphenol	12.200	107	160758	42.01	ng		89
37) 2-Methylnaphthalene	12.588	142	324149	42.38	ng	#	95
38) 1-Methylnaphthalene	12.805	142	302033	41.39	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.952	216	215826	45.97	ng	#	97
41) Hexachlorocyclopentadiene	12.934	237	302156	113.62	ng		97
43) 2,4,6-Trichlorophenol	13.181	196	146715	44.81	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	152796	45.03	ng	#	94
46) 1,1'-Biphenyl	13.587	154	420573	44.18	ng		100
47) 2-Chloronaphthalene	13.628	162	345288	41.67	ng		98
48) 2-Nitroaniline	13.822	65	117359	39.03	ng	#	75
49) Acenaphthylene	14.474	152	516264	42.22	ng		98
50) Dimethylphthalate	14.198	163	443975	39.83	ng		98
51) 2,6-Dinitrotoluene	14.315	165	98800	42.64	ng	#	73
52) Acenaphthene	14.814	154	394605m	47.67	ng		
53) 3-Nitroaniline	14.644	138	67549	26.57	ng	#	80
54) 2,4-Dinitrophenol	14.850	184	137150	94.66	ng	#	76
55) Dibenzofuran	15.149	168	526614	41.94	ng		96
56) 4-Nitrophenol	14.944	139	167544	84.48	ng	#	55
57) 2,4-Dinitrotoluene	15.102	165	138649	41.43	ng	#	83
58) Fluorene	15.796	166	420985	41.70	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	147751m	43.54	ng		
60) Diethylphthalate	15.561	149	443874	38.73	ng		96
61) 4-Chlorophenyl-phenyle...	15.784	204	253349	40.98	ng		100
62) 4-Nitroaniline	15.807	138	96254	34.76	ng	#	69
63) Azobenzene	16.078	77	429747	39.84	ng		92
65) 4,6-Dinitro-2-methylph...	15.860	198	96900	49.65	ng		88
66) n-Nitrosodiphenylamine	15.995	169	380210	41.84	ng		97
67) 4-Bromophenyl-phenylether	16.677	248	171014	42.32	ng		97
68) Hexachlorobenzene	16.795	284	183583	41.78	ng	#	95
69) Atrazine	16.941	200	137440	39.82	ng		98
70) Pentachlorophenol	17.135	266	248508	93.13	ng		97
71) Phenanthrene	17.535	178	727488	41.70	ng		97
72) Anthracene	17.623	178	734822	42.82	ng		97
73) Carbazole	17.887	167	673118	42.03	ng		99
74) Di-n-butylphthalate	18.446	149	775282	39.65	ng	#	98
75) Fluoranthene	19.532	202	979275	42.81	ng		97
77) Benzidine	19.709	184	271436	28.32	ng		96
78) Pyrene	19.897	202	987918	40.61	ng		98
80) Butylbenzylphthalate	20.778	149	372098	40.04	ng		92
81) Benzo(a)anthracene	21.748	228	1017372	42.14	ng		99
82) 3,3'-Dichlorobenzidine	21.659	252	271409	33.36	ng		97
83) Chrysene	21.812	228	970429	42.30	ng		99
84) Bis(2-ethylhexyl)phtha...	21.654	149	529097	41.57	ng		98
85) Di-n-octyl phthalate	22.887	149	897959	42.18	ng		97
87) Indeno(1,2,3-cd)pyrene	28.804	276	1168170	42.81	ng	#	90
88) Benzo(b)fluoranthene	24.010	252	1033401	42.86	ng	#	98
89) Benzo(k)fluoranthene	24.080	252	1021677	43.61	ng	#	97
90) Benzo(a)pyrene	24.897	252	931590	41.15	ng	#	98
91) Dibenzo(a,h)anthracene	28.874	278	971773	43.16	ng	#	95
92) Benzo(g,h,i)perylene	29.979	276	969953	44.72	ng	#	94

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

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