Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048004.D
Acq On : 26 Jan 2021 12:07
Operator : CG/JU
Sample : PB134172BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 26 14:10:07 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 :
PB134172BSD

Manual Integrations APPROVED
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1/27/2021 1:08:12 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	55214	20.00	ng		# 0.00
21) Naphthalene-d8	10.946	136	211903	20.00	ng		0.00
39) Acenaphthene-d10	14.754	164	155696	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	378293	20.00	ng		0.00
76) Chrysene-d12	21.775	240	387438	20.00	ng		# 0.00
86) Perylene-d12	25.053	264	384718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	269489	75.01	ng		0.00
7) Phenol-d6	7.280	99	369161	67.58	ng		0.00
23) Nitrobenzene-d5	9.295	82	416169	77.71	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	172937	66.69	ng		0.00
45) 2-Fluorobiphenyl	13.385	172	911968	75.73	ng		0.00
79) Terphenyl-d14	20.094	244	1759580	78.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	46700	29.16	ng	#	95
3) Pyridine	3.972	79	146498	30.47	ng		92
4) n-Nitrosodimethylamine	3.884	42	80661	36.31	ng	#	81
6) Aniline	7.450	93	142749	21.63	ng		92
8) 2-Chlorophenol	7.697	128	151277	40.23	ng		93
9) Benzaldehyde	7.262	77	27827m	9.93	ng		
10) Phenol	7.309	94	204923	39.14	ng		79
11) bis(2-Chloroethyl)ether	7.544	93	147591	35.99	ng		97
12) 1,3-Dichlorobenzene	8.020	146	161587	35.60	ng	#	89
13) 1,4-Dichlorobenzene	8.167	146	162595	35.73	ng		96
14) 1,2-Dichlorobenzene	8.490	146	149944	34.52	ng		95
15) Benzyl Alcohol	8.367	79	165544	35.82	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.655	45	188646	32.78	ng		95
17) 2-Methylphenol	8.567	107	132780	37.52	ng	#	88
18) Hexachloroethane	9.225	117	61250	34.50	ng		99
19) n-Nitroso-di-n-propyla...	8.937	70	133365	33.45	ng		97
20) 3+4-Methylphenols	8.890	107	184690	37.72	ng		91
22) Acetophenone	8.954	105	231401	35.43	ng	#	94
24) Nitrobenzene	9.336	77	192986	35.98	ng	#	86
25) Isophorone	9.865	82	342707	35.66	ng	#	93
26) 2-Nitrophenol	10.053	139	86119	39.02	ng	#	78
27) 2,4-Dimethylphenol	10.100	122	143668	44.80	ng		91
28) bis(2-Chloroethoxy)met...	10.341	93	200696	34.71	ng	#	97
29) 2,4-Dichlorophenol	10.588	162	158935	38.52	ng		97
30) 1,2,4-Trichlorobenzene	10.805	180	177335	35.55	ng		97
31) Naphthalene	10.999	128	443747	36.22	ng		98
32) Benzoic acid	10.235	122	104877	36.52	ng	#	85
33) 4-Chloroaniline	11.093	127	57972	10.35	ng	#	90
34) Hexachlorobutadiene	11.281	225	126623	35.74	ng		96
35) Caprolactam	11.863	113	54455m	34.67	ng		
36) 4-Chloro-3-methylphenol	12.204	107	174116	37.61	ng		89
37) 2-Methylnaphthalene	12.591	142	330847	35.75	ng	#	95
38) 1-Methylnaphthalene	12.809	142	310470	35.17	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.956	216	215321	36.28	ng	#	97
41) Hexachlorocyclopentadiene	12.938	237	303300	90.21	ng		99
43) 2,4,6-Trichlorophenol	13.185	196	155892	37.66	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	165472	38.57	ng	#	95
46) 1,1'-Biphenyl	13.590	154	435616	36.19	ng		99
47) 2-Chloronaphthalene	13.637	162	355967	33.98	ng		99
48) 2-Nitroaniline	13.825	65	129101	33.96	ng	#	77
49) Acenaphthylene	14.477	152	544669	35.23	ng		99
50) Dimethylphthalate	14.207	163	491745	34.90	ng		98
51) 2,6-Dinitrotoluene	14.319	165	107038	36.54	ng	#	73
52) Acenaphthene	14.818	154	419276	40.06	ng		98
53) 3-Nitroaniline	14.642	138	55262	17.20	ng		91
54) 2,4-Dinitrophenol	14.853	184	149571	81.65	ng	#	73
55) Dibenzofuran	15.153	168	555153	34.97	ng		96
56) 4-Nitrophenol	14.947	139	187166	74.64	ng	#	64
57) 2,4-Dinitrotoluene	15.106	165	156190	36.92	ng	#	79
58) Fluorene	15.799	166	454646	35.62	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.370	232	162916	37.98	ng		97
60) Diethylphthalate	15.564	149	495863	34.23	ng		95
61) 4-Chlorophenyl-phenyle...	15.788	204	277374	35.49	ng		100
62) 4-Nitroaniline	15.811	138	110076	31.45	ng	#	66
63) Azobenzene	16.081	77	473063	34.69	ng		91
65) 4,6-Dinitro-2-methylph...	15.864	198	103859	42.54	ng		87
66) n-Nitrosodiphenylamine	15.999	169	428925	37.73	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	183686	36.34	ng		95
68) Hexachlorobenzene	16.804	284	195196	35.51	ng		99
69) Atrazine	16.945	200	158064	36.60	ng		97
70) Pentachlorophenol	17.139	266	273796	82.02	ng		99
71) Phenanthrene	17.539	178	790190	36.21	ng		98
72) Anthracene	17.627	178	815861	38.01	ng		97
73) Carbazole	17.891	167	737910	36.84	ng		99
74) Di-n-butylphthalate	18.449	149	866775	35.43	ng	#	98
75) Fluoranthene	19.536	202	1051114	36.73	ng		97
77) Benzidine	19.712	184	272845	24.41	ng		98
78) Pyrene	19.900	202	1053340	37.12	ng		98
80) Butylbenzylphthalate	20.782	149	387054	35.72	ng		90
81) Benzo(a)anthracene	21.751	228	1036992	36.83	ng		99
82) 3,3'-Dichlorobenzidine	21.663	252	206044	21.72	ng	#	98
83) Chrysene	21.822	228	991503	37.06	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	545757	36.77	ng		95
85) Di-n-octyl phthalate	22.897	149	928207	37.39	ng		97
87) Indeno(1,2,3-cd)pyrene	28.819	276	1185443	38.31	ng	#	91
88) Benzo(b)fluoranthene	24.019	252	1067949	39.06	ng	#	97
89) Benzo(k)fluoranthene	24.090	252	1017250	38.29	ng	#	96
90) Benzo(a)pyrene	24.906	252	944986	36.80	ng	#	98
91) Dibenzo(a,h)anthracene	28.890	278	990005	38.76	ng	#	96
92) Benzo(g,h,i)perylene	29.989	276	977092	39.72	ng	#	96

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

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