Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048006.D
Acq On : 26 Jan 2021 14:12
Operator : CG/JU
Sample : PB134300BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 26 15:06:57 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 :
PB134300BS

Manual Integrations APPROVED
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1/27/2021 1:08:15 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.131	152	48989	20.00	ng	#	0.00
21) Naphthalene-d8	10.946	136	216531	20.00	ng		0.00
39) Acenaphthene-d10	14.753	164	169200	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	436806	20.00	ng	#	0.00
76) Chrysene-d12	21.774	240	358030	20.00	ng	#	0.00
86) Perylene-d12	25.053	264	361826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	419674	131.66	ng		0.00
7) Phenol-d6	7.285	99	590860	121.91	ng		0.00
23) Nitrobenzene-d5	9.295	82	395148	72.21	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	332848	118.11	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	932528	71.26	ng		0.00
79) Terphenyl-d14	20.094	244	1507896	73.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.572	88	40506	28.51	ng	#	95
3) Pyridine	3.972	79	130062	30.49	ng		92
4) n-Nitrosodimethylamine	3.883	42	77796	39.47	ng	#	87
6) Aniline	7.450	93	184819	31.57	ng		95
8) 2-Chlorophenol	7.697	128	170824	51.19	ng		94
9) Benzaldehyde	7.262	77	110710	44.53	ng	#	80
10) Phenol	7.309	94	230603	49.64	ng		80
11) bis(2-Chloroethyl)ether	7.544	93	156250	42.94	ng		94
12) 1,3-Dichlorobenzene	8.020	146	164455	40.83	ng	#	93
13) 1,4-Dichlorobenzene	8.167	146	164453	40.73	ng		93
14) 1,2-Dichlorobenzene	8.490	146	164503	42.69	ng		94
15) Benzyl Alcohol	8.366	79	191737	46.76	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.660	45	204002	39.95	ng		96
17) 2-Methylphenol	8.566	107	154044	49.06	ng	#	86
18) Hexachloroethane	9.224	117	63348	40.22	ng		97
19) n-Nitroso-di-n-propyla...	8.936	70	154060	43.55	ng		96
20) 3+4-Methylphenols	8.895	107	216017	49.73	ng		91
22) Acetophenone	8.954	105	267903	40.15	ng	#	94
24) Nitrobenzene	9.336	77	224037	40.88	ng	#	85
25) Isophorone	9.865	82	414403	42.20	ng		94
26) 2-Nitrophenol	10.053	139	100074	44.38	ng	#	82
27) 2,4-Dimethylphenol	10.106	122	166928	50.94	ng		92
28) bis(2-Chloroethoxy)met...	10.347	93	235180	39.80	ng		96
29) 2,4-Dichlorophenol	10.587	162	198221	47.02	ng		96
30) 1,2,4-Trichlorobenzene	10.805	180	195118	38.28	ng		96
31) Naphthalene	10.999	128	502842	40.16	ng		99
32) Benzoic acid	10.247	122	137360	46.81	ng	#	73
33) 4-Chloroaniline	11.093	127	80647	14.09	ng	#	92
34) Hexachlorobutadiene	11.287	225	135942	37.55	ng		99
35) Caprolactam	11.874	113	72271m	45.03	ng		
36) 4-Chloro-3-methylphenol	12.203	107	218809	46.25	ng		87
37) 2-Methylnaphthalene	12.591	142	395743	41.85	ng	#	94
38) 1-Methylnaphthalene	12.808	142	377319	41.83	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.955	216	262086	40.63	ng	#	96
41) Hexachlorocyclopentadiene	12.938	237	357440	97.83	ng		98
43) 2,4,6-Trichlorophenol	13.190	196	196745	43.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	215067	46.13	ng	#	93
46) 1,1'-Biphenyl	13.590	154	539289	41.23	ng		98
47) 2-Chloronaphthalene	13.637	162	445090	39.10	ng		97
48) 2-Nitroaniline	13.831	65	169011	40.91	ng	#	81
49) Acenaphthylene	14.477	152	697841	41.53	ng		99
50) Dimethylphthalate	14.207	163	628221	41.02	ng		100
51) 2,6-Dinitrotoluene	14.318	165	140567	44.15	ng	#	70
52) Acenaphthene	14.818	154	539174m	47.41	ng		
53) 3-Nitroaniline	14.647	138	75061	21.49	ng	#	77
54) 2,4-Dinitrophenol	14.853	184	194898	97.91	ng	#	72
55) Dibenzofuran	15.153	168	714885	41.44	ng		97
56) 4-Nitrophenol	14.953	139	232433	85.30	ng	#	61
57) 2,4-Dinitrotoluene	15.106	165	200492	43.61	ng	#	76
58) Fluorene	15.799	166	579010	41.75	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	210352	45.12	ng		96
60) Diethylphthalate	15.564	149	643520	40.87	ng		97
61) 4-Chlorophenyl-phenyle...	15.787	204	356785	42.01	ng		98
62) 4-Nitroaniline	15.811	138	137762	36.21	ng	#	67
63) Azobenzene	16.081	77	611727	41.28	ng		90
65) 4,6-Dinitro-2-methylph...	15.869	198	134486	47.71	ng		89
66) n-Nitrosodiphenylamine	16.005	169	551238	41.99	ng		99
67) 4-Bromophenyl-phenylether	16.680	248	242409	41.53	ng		97
68) Hexachlorobenzene	16.804	284	257584	40.58	ng		99
69) Atrazine	16.945	200	201393	40.39	ng		97
70) Pentachlorophenol	17.144	266	340993	88.47	ng		99
71) Phenanthrene	17.538	178	1011199	40.13	ng		98
72) Anthracene	17.632	178	1031466	41.62	ng		99
73) Carbazole	17.896	167	908607	39.28	ng		98
74) Di-n-butylphthalate	18.449	149	1080308	38.25	ng	#	98
75) Fluoranthene	19.542	202	1231367	37.27	ng		97
77) Benzidine	19.712	184	356097	34.48	ng		100
78) Pyrene	19.900	202	1205872	45.99	ng		98
80) Butylbenzylphthalate	20.781	149	397699	39.71	ng		90
81) Benzo(a)anthracene	21.751	228	1071965	41.20	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	245084	27.95	ng	#	98
83) Chrysene	21.821	228	1020012	41.26	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	551327	40.20	ng		97
85) Di-n-octyl phthalate	22.896	149	953385	41.55	ng		97
87) Indeno(1,2,3-cd)pyrene	28.819	276	1225504	42.11	ng	#	90
88) Benzo(b)fluoranthene	24.013	252	1082126	42.08	ng	#	97
89) Benzo(k)fluoranthene	24.089	252	1061026	42.46	ng	#	98
90) Benzo(a)pyrene	24.906	252	997677	41.31	ng	#	98
91) Dibenzo(a,h)anthracene	28.884	278	1019605	42.45	ng	#	96
92) Benzo(g,h,i)perylene	29.994	276	1012554	43.76	ng	#	94

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

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