Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048602.D
Acq On : 6 Apr 2021 13:28
Operator : CG/JU
Sample : PB135531BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 06 14:49:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135531BS

Manual Integrations APPROVED
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4/8/2021 8:06:37 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	31908	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	132939	20.00	ng		0.00
39) Acenaphthene-d10	14.748	164	96941	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	233570	20.00	ng		0.00
76) Chrysene-d12	21.804	240	238496	20.00	ng		# 0.00
86) Perylene-d12	25.147	264	223999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	208421	115.32	ng		0.00
7) Phenol-d6	7.245	99	267772	102.16	ng		0.00
23) Nitrobenzene-d5	9.260	82	156456	56.98	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	123257	96.72	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	372374	57.09	ng		0.00
79) Terphenyl-d14	20.112	244	745802	57.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.490	88	20730	28.51	ng		98
3) Pyridine	3.902	79	58168	31.91	ng		97
4) n-Nitrosodimethylamine	3.814	42	46960	39.43	ng		96
6) Aniline	7.403	93	57775	19.19	ng		98
8) 2-Chlorophenol	7.650	128	78727	38.55	ng		96
9) Benzaldehyde	7.215	77	54050	32.26	ng		89
10) Phenol	7.274	94	100648	38.35	ng		95
11) bis(2-Chloroethyl)ether	7.503	93	64062	35.18	ng		92
12) 1,3-Dichlorobenzene	7.979	146	85840	37.31	ng		97
13) 1,4-Dichlorobenzene	8.126	146	88480	38.14	ng		98
14) 1,2-Dichlorobenzene	8.449	146	82233	37.01	ng		94
15) Benzyl Alcohol	8.332	79	82187	38.28	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.620	45	65092	37.06	ng		96
17) 2-Methylphenol	8.532	107	65912	38.82	ng		87
18) Hexachloroethane	9.184	117	31232	36.23	ng	#	69
19) n-Nitroso-di-n-propyla...	8.896	70	60700	33.60	ng		95
20) 3+4-Methylphenols	8.861	107	87343	37.06	ng		97
22) Acetophenone	8.919	105	118420	34.55	ng		95
24) Nitrobenzene	9.307	77	94539	35.08	ng		97
25) Isophorone	9.830	82	162591	32.06	ng		98
26) 2-Nitrophenol	10.018	139	43997	35.54	ng		97
27) 2,4-Dimethylphenol	10.077	122	79667	40.89	ng		91
28) bis(2-Chloroethoxy)met...	10.312	93	86856	37.37	ng		95
29) 2,4-Dichlorophenol	10.564	162	82132	37.23	ng		88
30) 1,2,4-Trichlorobenzene	10.776	180	90530	35.71	ng		95
31) Naphthalene	10.970	128	235393	34.44	ng		97
32) Benzoic acid	10.218	122	46541	31.05	ng	#	85
33) 4-Chloroaniline	11.076	127	27304	9.47	ng		96
34) Hexachlorobutadiene	11.252	225	64013	34.58	ng		93
35) Caprolactam	11.851	113	27439m	34.09	ng		
36) 4-Chloro-3-methylphenol	12.198	107	87412	35.29	ng		93
37) 2-Methylnaphthalene	12.574	142	187465	34.45	ng		97
38) 1-Methylnaphthalene	12.791	142	170199	32.80	ng		98
40) 1,2,4,5-Tetrachloroben...	12.938	216	103640	34.49	ng		96
41) Hexachlorocyclopentadiene	12.915	237	132483	76.10	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	72393	35.05	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	80203	36.29	ng		95
46) 1,1'-Biphenyl	13.579	154	243263	34.34	ng		99
47) 2-Chloronaphthalene	13.626	162	183362	33.98	ng		98
48) 2-Nitroaniline	13.819	65	60042	35.00	ng	#	82
49) Acenaphthylene	14.472	152	305558	36.12	ng		97
50) Dimethylphthalate	14.195	163	244797	34.02	ng		96
51) 2,6-Dinitrotoluene	14.313	165	56082	34.07	ng		94
52) Acenaphthene	14.812	154	190811	31.18	ng		98
53) 3-Nitroaniline	14.648	138	21706	13.45	ng	#	84
54) 2,4-Dinitrophenol	14.854	184	72771	78.62	ng		99
55) Dibenzofuran	15.147	168	293101	32.80	ng		95
56) 4-Nitrophenol	14.959	139	96177	73.81	ng	#	78
57) 2,4-Dinitrotoluene	15.106	165	80159	34.43	ng	#	96
58) Fluorene	15.794	166	251165	33.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	72706	33.72	ng	#	99
60) Diethylphthalate	15.553	149	252055	34.09	ng		99
61) 4-Chlorophenyl-phenyle...	15.782	204	133250	33.11	ng		93
62) 4-Nitroaniline	15.811	138	57496	34.05	ng		96
63) Azobenzene	16.076	77	226586	31.15	ng		96
65) 4,6-Dinitro-2-methylph...	15.870	198	50987	36.33	ng		88
66) n-Nitrosodiphenylamine	15.999	169	221813	33.38	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	89246	34.47	ng		95
68) Hexachlorobenzene	16.804	284	93197	34.47	ng		93
69) Atrazine	16.945	200	98442	36.32	ng		95
70) Pentachlorophenol	17.145	266	122930	73.16	ng		90
71) Phenanthrene	17.545	178	414886	34.22	ng		100
72) Anthracene	17.633	178	426623	35.31	ng		97
73) Carbazole	17.903	167	394358	34.42	ng		98
74) Di-n-butylphthalate	18.455	149	469046	36.64	ng		99
75) Fluoranthene	19.554	202	534005	35.53	ng		96
77) Benzidine	19.730	184	204487	25.32	ng		99
78) Pyrene	19.918	202	548444	33.45	ng		99
80) Butylbenzylphthalate	20.794	149	215905	35.45	ng		90
81) Benzo(a)anthracene	21.781	228	549013	34.45	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	110074	20.11	ng		94
83) Chrysene	21.851	228	508498m	33.44	ng		
84) Bis(2-ethylhexyl)phtha...	21.669	149	308783	36.40	ng		97
85) Di-n-octyl phthalate	22.926	149	520488	35.19	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.990	276	578942	36.87	ng	#	92
88) Benzo(b)fluoranthene	24.078	252	541404	37.21	ng	#	98
89) Benzo(k)fluoranthene	24.154	252	508292	36.34	ng		99
90) Benzo(a)pyrene	24.989	252	484128	36.11	ng		96
91) Dibenzo(a,h)anthracene	29.066	278	481019	35.89	ng	#	99
92) Benzo(g,h,i)perylene	30.189	276	436042	33.22	ng		97

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

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