Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048000.D
Acq On : 26 Jan 2021 9:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 10:57:29 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 :
SSTDCCC040

Manual Integrations APPROVED

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1/27/2021 1:08:01 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	34639	20.00	ng		0.00
21) Naphthalene-d8	10.946	136	134581	20.00	ng		0.00
39) Acenaphthene-d10	14.754	164	104270	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	281655	20.00	ng		# 0.00
76) Chrysene-d12	21.775	240	300466	20.00	ng		# 0.00
86) Perylene-d12	25.053	264	302358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.682	112	183051	81.21	ng		0.00
7) Phenol-d6	7.274	99	283776	82.81	ng		0.00
23) Nitrobenzene-d5	9.289	82	278889	82.00	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	153763	88.54	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	660376	81.88	ng		0.00
79) Terphenyl-d14	20.094	244	1399446	80.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	41709	41.51	ng		94
3) Pyridine	3.972	79	126251	41.86	ng		90
4) n-Nitrosodimethylamine	3.884	42	57218	41.06	ng	#	72
6) Aniline	7.450	93	165417	39.96	ng		93
8) 2-Chlorophenol	7.691	128	97472	41.31	ng		91
9) Benzaldehyde	7.262	77	73650	41.90	ng		85
10) Phenol	7.304	94	133627	40.68	ng		80
11) bis(2-Chloroethyl)ether	7.544	93	103772	40.34	ng		98
12) 1,3-Dichlorobenzene	8.020	146	118033	41.45	ng	#	92
13) 1,4-Dichlorobenzene	8.167	146	118634	41.56	ng		95
14) 1,2-Dichlorobenzene	8.490	146	110501	40.55	ng		93
15) Benzyl Alcohol	8.361	79	118389	40.83	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.655	45	140811	39.00	ng		92
17) 2-Methylphenol	8.561	107	88459	39.84	ng	#	87
18) Hexachloroethane	9.225	117	45469	40.83	ng		94
19) n-Nitroso-di-n-propyla...	8.937	70	98564	39.41	ng		95
20) 3+4-Methylphenols	8.890	107	121726	39.63	ng		89
22) Acetophenone	8.955	105	166849	40.23	ng	#	96
24) Nitrobenzene	9.336	77	140821	41.34	ng	#	85
25) Isophorone	9.859	82	251601	41.22	ng	#	91
26) 2-Nitrophenol	10.053	139	57410	40.96	ng	#	82
27) 2,4-Dimethylphenol	10.100	122	82140	40.33	ng		85
28) bis(2-Chloroethoxy)met...	10.341	93	150377	40.95	ng		97
29) 2,4-Dichlorophenol	10.582	162	109995	41.98	ng		96
30) 1,2,4-Trichlorobenzene	10.805	180	133106	42.02	ng		97
31) Naphthalene	10.999	128	318730	40.96	ng		99
32) Benzoic acid	10.218	122	83474	45.77	ng	#	79
33) 4-Chloroaniline	11.093	127	149907	42.15	ng	#	92
34) Hexachlorobutadiene	11.281	225	92373	41.06	ng		94
35) Caprolactam	11.863	113	43519	43.63	ng		98
36) 4-Chloro-3-methylphenol	12.204	107	124416	42.32	ng		90
37) 2-Methylnaphthalene	12.592	142	246999	42.03	ng	#	91
38) 1-Methylnaphthalene	12.809	142	232426	41.45	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.956	216	161087	40.53	ng		98
41) Hexachlorocyclopentadiene	12.938	237	90557	40.22	ng		99
43) 2,4,6-Trichlorophenol	13.185	196	115903	41.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	120443	41.92	ng	#	93
46) 1,1'-Biphenyl	13.590	154	327353	40.61	ng		100
47) 2-Chloronaphthalene	13.637	162	284175	40.51	ng		99
48) 2-Nitroaniline	13.825	65	106292	41.75	ng	#	81
49) Acenaphthylene	14.478	152	429675	41.50	ng		98
50) Dimethylphthalate	14.201	163	397462	42.12	ng		98
51) 2,6-Dinitrotoluene	14.319	165	83330	42.47	ng	#	70
52) Acenaphthene	14.818	154	288764	41.20	ng		95
53) 3-Nitroaniline	14.648	138	94397	43.86	ng	#	79
54) 2,4-Dinitrophenol	14.848	184	55945	45.60	ng	#	75
55) Dibenzofuran	15.153	168	444652	41.83	ng		96
56) 4-Nitrophenol	14.942	139	78119	46.52	ng	#	69
57) 2,4-Dinitrotoluene	15.100	165	124589	43.97	ng	#	78
58) Fluorene	15.800	166	362504	42.41	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	126245m	43.94	ng		
60) Diethylphthalate	15.564	149	410275	42.29	ng		96
61) 4-Chlorophenyl-phenyle...	15.788	204	221686	42.35	ng		99
62) 4-Nitroaniline	15.805	138	104752	44.68	ng	#	70
63) Azobenzene	16.082	77	382671	41.90	ng		92
65) 4,6-Dinitro-2-methylph...	15.864	198	74936	41.22	ng		91
66) n-Nitrosodiphenylamine	15.999	169	338430	39.98	ng		98
67) 4-Bromophenyl-phenylether	16.681	248	152843	40.61	ng		95
68) Hexachlorobenzene	16.798	284	166037	40.57	ng		97
69) Atrazine	16.945	200	135284	42.08	ng		97
70) Pentachlorophenol	17.139	266	106390	42.81	ng		98
71) Phenanthrene	17.539	178	667802	41.10	ng		97
72) Anthracene	17.627	178	653657	40.90	ng		97
73) Carbazole	17.891	167	622965	41.77	ng		97
74) Di-n-butylphthalate	18.449	149	749079	41.13	ng	#	98
75) Fluoranthene	19.542	202	900728	42.27	ng		97
77) Benzidine	19.713	184	383378	44.23	ng		99
78) Pyrene	19.901	202	900117	40.91	ng		98
80) Butylbenzylphthalate	20.782	149	346343	41.21	ng		89
81) Benzo(a)anthracene	21.751	228	892817	40.89	ng		97
82) 3,3'-Dichlorobenzidine	21.663	252	305639	41.54	ng		98
83) Chrysene	21.822	228	849143	40.92	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	468727	40.72	ng		97
85) Di-n-octyl phthalate	22.903	149	781907	40.61	ng		97
87) Indeno(1,2,3-cd)pyrene	28.814	276	987037	40.58	ng	#	89
88) Benzo(b)fluoranthene	24.013	252	869099	40.44	ng		97
89) Benzo(k)fluoranthene	24.090	252	850675	40.74	ng	#	96
90) Benzo(a)pyrene	24.906	252	822825	40.77	ng	#	98
91) Dibenzo(a,h)anthracene	28.890	278	806665	40.19	ng	#	95
92) Benzo(g,h,i)perylene	29.989	276	785583	40.63	ng	#	94

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

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