Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047975.D
Acq On : 22 Jan 2021 12:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 13:38:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.144	152	49281	20.00	ng		0.00
21) Naphthalene-d8	10.958	136	188430	20.00	ng		0.00
39) Acenaphthene-d10	14.766	164	141712	20.00	ng		0.00
64) Phenanthrene-d10	17.510	188	356032	20.00	ng		# 0.00
76) Chrysene-d12	21.793	240	359284	20.00	ng		# 0.00
86) Perylene-d12	25.089	264	374498	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.694	112	219639	72.69	ng		0.00
7) Phenol-d6	7.286	99	331888	72.76	ng		0.00
23) Nitrobenzene-d5	9.307	82	318983	74.44	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	165726	73.08	ng		0.00
45) 2-Fluorobiphenyl	13.391	172	738917	69.63	ng		0.00
79) Terphenyl-d14	20.107	244	1406193	72.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.591	88	51915	38.48	ng	#	92
3) Pyridine	3.984	79	153368	36.60	ng		96
4) n-Nitrosodimethylamine	3.896	42	77712	36.96	ng	#	67
6) Aniline	7.463	93	194344	35.70	ng	#	90
8) 2-Chlorophenol	7.703	128	112634	36.22	ng		89
9) Benzaldehyde	7.275	77	94519	36.91	ng		84
10) Phenol	7.316	94	154166	35.69	ng		74
11) bis(2-Chloroethyl)ether	7.557	93	121816	35.84	ng		92
12) 1,3-Dichlorobenzene	8.032	146	143458	36.27	ng	#	90
13) 1,4-Dichlorobenzene	8.179	146	143191	36.10	ng		94
14) 1,2-Dichlorobenzene	8.502	146	135659	35.62	ng		95
15) Benzyl Alcohol	8.373	79	135147	35.47	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.667	45	199617	34.72	ng		98
17) 2-Methylphenol	8.573	107	102945	35.68	ng	#	86
18) Hexachloroethane	9.237	117	53939	36.18	ng		97
19) n-Nitroso-di-n-propyla...	8.949	70	110885	34.35	ng		94
20) 3+4-Methylphenols	8.902	107	140236	35.40	ng		90
22) Acetophenone	8.967	105	197134	35.44	ng	#	90
24) Nitrobenzene	9.349	77	158141	36.55	ng	#	86
25) Isophorone	9.871	82	282580	35.11	ng	#	94
26) 2-Nitrophenol	10.060	139	63541	39.33	ng	#	70
27) 2,4-Dimethylphenol	10.112	122	97345	36.18	ng		87
28) bis(2-Chloroethoxy)met...	10.353	93	170827	35.69	ng		97
29) 2,4-Dichlorophenol	10.594	162	124369	37.06	ng		94
30) 1,2,4-Trichlorobenzene	10.817	180	155236	36.18	ng		93
31) Naphthalene	11.011	128	378548	36.25	ng		99
32) Benzoic acid	10.236	122	83737	40.48	ng	#	72
33) 4-Chloroaniline	11.105	127	166480	36.03	ng	#	89
34) Hexachlorobutadiene	11.293	225	119546	37.38	ng		96
35) Caprolactam	11.881	113	43937	34.76	ng	#	77
36) 4-Chloro-3-methylphenol	12.216	107	139549	37.36	ng		85
37) 2-Methylnaphthalene	12.604	142	282255	35.61	ng	#	89
38) 1-Methylnaphthalene	12.821	142	267544	36.06	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.968	216	191211	35.35	ng		97
41) Hexachlorocyclopentadiene	12.950	237	109942	38.03	ng		99
43) 2,4,6-Trichlorophenol	13.197	196	125375	36.29	ng		95

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44) 2,4,5-Trichlorophenol	13.268	196	130384	36.85	ng	#	95
46) 1,1'-Biphenyl	13.602	154	374207	34.64	ng		98
47) 2-Chloronaphthalene	13.649	162	304554	34.80	ng		94
48) 2-Nitroaniline	13.837	65	109776	35.92	ng	#	75
49) Acenaphthylene	14.490	152	467153	34.03	ng		99
50) Dimethylphthalate	14.213	163	424064	34.42	ng		99
51) 2,6-Dinitrotoluene	14.331	165	85445	36.03	ng	#	68
52) Acenaphthene	14.830	154	321872	35.35	ng		98
53) 3-Nitroaniline	14.660	138	90227	34.87	ng	#	77
54) 2,4-Dinitrophenol	14.860	184	51675	38.03	ng	#	61
55) Dibenzofuran	15.165	168	465620	34.39	ng		93
56) 4-Nitrophenol	14.948	139	71320	35.30	ng	#	51
57) 2,4-Dinitrotoluene	15.112	165	125451	37.70	ng	#	82
58) Fluorene	15.812	166	392059	34.11	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.383	232	132788	36.14	ng	#	97
60) Diethylphthalate	15.577	149	415380	34.38	ng		96
61) 4-Chlorophenyl-phenyle...	15.800	204	235026	34.20	ng		98
62) 4-Nitroaniline	15.817	138	98418	34.55	ng	#	55
63) Azobenzene	16.094	77	393181	33.20	ng		88
65) 4,6-Dinitro-2-methylph...	15.876	198	69949	39.00	ng		85
66) n-Nitrosodiphenylamine	16.011	169	355343	34.19	ng		99
67) 4-Bromophenyl-phenylether	16.699	248	164732	34.89	ng		99
68) Hexachlorobenzene	16.810	284	177124	35.34	ng		96
69) Atrazine	16.957	200	134750	34.75	ng		94
70) Pentachlorophenol	17.151	266	110202	38.17	ng		98
71) Phenanthrene	17.551	178	672579	34.93	ng		98
72) Anthracene	17.645	178	654221	34.71	ng		97
73) Carbazole	17.903	167	589345	34.27	ng		98
74) Di-n-butylphthalate	18.467	149	701733	34.28	ng	#	97
75) Fluoranthene	19.554	202	878564	34.28	ng		97
77) Benzidine	19.725	184	349074	37.97	ng		99
78) Pyrene	19.913	202	881244	36.25	ng		97
80) Butylbenzylphthalate	20.800	149	316397	36.74	ng		93
81) Benzo(a)anthracene	21.769	228	889197	35.84	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	308755	35.96	ng		99
83) Chrysene	21.840	228	848820	35.72	ng		99
84) Bis(2-ethylhexyl)phtha...	21.681	149	439904	35.94	ng		98
85) Di-n-octyl phthalate	22.927	149	751279	36.64	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.867	276	1051888	36.70	ng	#	89
88) Benzo(b)fluoranthene	24.043	252	920683	36.95	ng	#	96
89) Benzo(k)fluoranthene	24.114	252	890191	36.79	ng	#	97
90) Benzo(a)pyrene	24.942	252	870797	37.10	ng	#	97
91) Dibenzo(a,h)anthracene	28.937	278	864719	37.00	ng	#	95
92) Benzo(g,h,i)perylene	30.042	276	849194	37.17	ng	#	94

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

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