Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048032.D
Acq On : 27 Jan 2021 16:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 27 17:37:36 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.128	152	48882	20.00	ng		0.00
21) Naphthalene-d8	10.942	136	182878	20.00	ng		# 0.00
39) Acenaphthene-d10	14.749	164	132037	20.00	ng		0.00
64) Phenanthrene-d10	17.487	188	307994	20.00	ng		#-0.01
76) Chrysene-d12	21.771	240	303376	20.00	ng		# 0.00
86) Perylene-d12	25.049	264	309284	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	254262	79.94	ng		-0.01
7) Phenol-d6	7.270	99	388018	80.24	ng		-0.01
23) Nitrobenzene-d5	9.291	82	391164	84.63	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	181601	82.58	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	856073	83.83	ng		-0.01
79) Terphenyl-d14	20.090	244	1399878	80.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.568	88	54463	38.41	ng		94
3) Pyridine	3.968	79	172773	40.60	ng		90
4) n-Nitrosodimethylamine	3.880	42	81608	41.50	ng	#	83
6) Aniline	7.446	93	230369	39.43	ng		94
8) 2-Chlorophenol	7.687	128	133527	40.10	ng		91
9) Benzaldehyde	7.258	77	99620	40.16	ng		86
10) Phenol	7.299	94	186244	40.18	ng		81
11) bis(2-Chloroethyl)ether	7.540	93	143627	39.56	ng		95
12) 1,3-Dichlorobenzene	8.016	146	161697	40.24	ng	#	91
13) 1,4-Dichlorobenzene	8.163	146	161621	40.12	ng		94
14) 1,2-Dichlorobenzene	8.486	146	154034	40.06	ng		94
15) Benzyl Alcohol	8.357	79	162620	39.75	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.657	45	191752	37.63	ng		95
17) 2-Methylphenol	8.557	107	122654	39.15	ng	#	89
18) Hexachloroethane	9.221	117	62972	40.07	ng		92
19) n-Nitroso-di-n-propyla...	8.933	70	133974	37.96	ng		97
20) 3+4-Methylphenols	8.886	107	170874	39.42	ng		91
22) Acetophenone	8.950	105	232304	41.22	ng	#	93
24) Nitrobenzene	9.332	77	195502	42.23	ng	#	84
25) Isophorone	9.855	82	332967	40.14	ng	#	92
26) 2-Nitrophenol	10.043	139	83284	43.73	ng	#	77
27) 2,4-Dimethylphenol	10.096	122	113291	40.94	ng		87
28) bis(2-Chloroethoxy)met...	10.337	93	203322	40.74	ng		96
29) 2,4-Dichlorophenol	10.578	162	150511	42.27	ng		95
30) 1,2,4-Trichlorobenzene	10.801	180	185221	43.03	ng		98
31) Naphthalene	10.995	128	440915	41.70	ng		99
32) Benzoic acid	10.225	122	112678	45.46	ng	#	84
33) 4-Chloroaniline	11.089	127	196458	40.65	ng	#	91
34) Hexachlorobutadiene	11.277	225	136282	44.57	ng		97
35) Caprolactam	11.865	113	51139	37.73	ng		96
36) 4-Chloro-3-methylphenol	12.200	107	161054	40.31	ng		90
37) 2-Methylnaphthalene	12.587	142	326023	40.82	ng	#	93
38) 1-Methylnaphthalene	12.805	142	309581	40.63	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.952	216	218786	43.47	ng		97
41) Hexachlorocyclopentadiene	12.934	237	134223	47.07	ng		98
43) 2,4,6-Trichlorophenol	13.181	196	149392	42.55	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	155340	42.70	ng	#	96
46) 1,1'-Biphenyl	13.586	154	421348	41.28	ng		98
47) 2-Chloronaphthalene	13.633	162	365610	41.16	ng		99
48) 2-Nitroaniline	13.827	65	130432	40.45	ng	#	81
49) Acenaphthylene	14.473	152	528146	40.28	ng		98
50) Dimethylphthalate	14.203	163	473058	39.58	ng		98
51) 2,6-Dinitrotoluene	14.315	165	100946	40.63	ng	#	69
52) Acenaphthene	14.814	154	367241	41.38	ng		99
53) 3-Nitroaniline	14.644	138	106648	39.13	ng	#	74
54) 2,4-Dinitrophenol	14.843	184	70127	45.14	ng	#	67
55) Dibenzofuran	15.149	168	540290	40.13	ng		97
56) 4-Nitrophenol	14.937	139	83042	39.05	ng	#	61
57) 2,4-Dinitrotoluene	15.096	165	142905	39.83	ng	#	77
58) Fluorene	15.795	166	427759	39.52	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.366	232	147848	40.64	ng	#	96
60) Diethylphthalate	15.560	149	472342	38.45	ng		96
61) 4-Chlorophenyl-phenyle...	15.784	204	270540	40.82	ng		100
62) 4-Nitroaniline	15.807	138	111052	37.41	ng	#	63
63) Azobenzene	16.077	77	446091	38.57	ng		92
65) 4,6-Dinitro-2-methylph...	15.860	198	89907	45.23	ng		88
66) n-Nitrosodiphenylamine	15.995	169	389205	42.05	ng		99
67) 4-Bromophenyl-phenylether	16.677	248	178872	43.46	ng		97
68) Hexachlorobenzene	16.794	284	195492	43.68	ng		97
69) Atrazine	16.941	200	143037	40.69	ng		97
70) Pentachlorophenol	17.135	266	124086	45.66	ng		97
71) Phenanthrene	17.534	178	727362	40.93	ng		97
72) Anthracene	17.623	178	708521	40.54	ng		97
73) Carbazole	17.887	167	639122	39.19	ng		98
74) Di-n-butylphthalate	18.445	149	770901	38.71	ng	#	99
75) Fluoranthene	19.532	202	908095	38.98	ng		97
77) Benzidine	19.708	184	358576	40.97	ng		98
78) Pyrene	19.896	202	899518	40.49	ng		97
80) Butylbenzylphthalate	20.778	149	338686	39.91	ng		91
81) Benzo(a)anthracene	21.747	228	904521	41.03	ng		99
82) 3,3'-Dichlorobenzidine	21.659	252	315237	42.43	ng		98
83) Chrysene	21.812	228	860534	41.08	ng		98
84) Bis(2-ethylhexyl)phtha...	21.653	149	469198	40.37	ng		94
85) Di-n-octyl phthalate	22.893	149	808860	41.61	ng		97
87) Indeno(1,2,3-cd)pyrene	28.804	276	1036070	41.65	ng	#	88
88) Benzo(b)fluoranthene	24.003	252	915935	41.67	ng	#	97
89) Benzo(k)fluoranthene	24.080	252	877303	41.07	ng	#	97
90) Benzo(a)pyrene	24.896	252	858653	41.60	ng	#	98
91) Dibenzo(a,h)anthracene	28.868	278	841511	40.99	ng	#	95
92) Benzo(g,h,i)perylene	29.979	276	820286	41.48	ng	#	92

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

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