Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047283.D
Acq On : 11 Nov 2020 13:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 11 14:57:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	53043	20.00	ng		0.00
21) Naphthalene-d8	10.820	136	206278	20.00	ng	#	0.00
39) Acenaphthene-d10	14.651	164	147564	20.00	ng		0.00
64) Phenanthrene-d10	17.395	188	344185	20.00	ng	#	0.00
76) Chrysene-d12	21.661	240	324053	20.00	ng	#	0.01
86) Perylene-d12	24.857	264	332540	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.574	112	259733	79.37	ng		0.01
7) Phenol-d6	7.178	99	385205	81.32	ng		0.02
23) Nitrobenzene-d5	9.175	82	392239	81.60	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	211431	85.56	ng		0.00
45) 2-Fluorobiphenyl	13.271	172	924205	80.33	ng		0.00
79) Terphenyl-d14	20.004	244	1613709	87.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	48721	30.06	ng	#	89
3) Pyridine	3.840	79	151868	35.04	ng	#	96
4) n-Nitrosodimethylamine	3.758	42	86113	39.62	ng	#	60
6) Aniline	7.330	93	228305	40.83	ng		92
8) 2-Chlorophenol	7.577	128	142601	41.04	ng		94
9) Benzaldehyde	7.142	77	117796	36.97	ng		87
10) Phenol	7.207	94	183558	40.85	ng		76
11) bis(2-Chloroethyl)ether	7.430	93	143208	40.18	ng		96
12) 1,3-Dichlorobenzene	7.900	146	175670	38.85	ng	#	92
13) 1,4-Dichlorobenzene	8.047	146	180203	39.68	ng		96
14) 1,2-Dichlorobenzene	8.365	146	170084	39.49	ng		93
15) Benzyl Alcohol	8.253	79	157482	43.26	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.541	45	224418	40.79	ng		99
17) 2-Methylphenol	8.459	107	125081	41.13	ng	#	88
18) Hexachloroethane	9.099	117	65997	39.70	ng		96
19) n-Nitroso-di-n-propyla...	8.817	70	128389	41.25	ng	#	90
20) 3+4-Methylphenols	8.788	107	176137	43.24	ng		92
22) Acetophenone	8.835	105	239539	40.27	ng	#	91
24) Nitrobenzene	9.216	77	190894	39.03	ng	#	84
25) Isophorone	9.739	82	335578	40.75	ng	#	94
26) 2-Nitrophenol	9.933	139	89763	42.55	ng	#	76
27) 2,4-Dimethylphenol	9.992	122	119313	42.13	ng		95
28) bis(2-Chloroethoxy)met...	10.221	93	199750	40.07	ng		97
29) 2,4-Dichlorophenol	10.474	162	162541	41.53	ng		98
30) 1,2,4-Trichlorobenzene	10.685	180	191368	39.67	ng		97
31) Naphthalene	10.873	128	475028	40.22	ng		99
32) Benzoic acid	10.139	122	97150	39.78	ng	#	82
33) 4-Chloroaniline	10.979	127	202361	40.73	ng	#	93
34) Hexachlorobutadiene	11.155	225	145317	39.81	ng		96
35) Caprolactam	11.766	113	57460	44.93	ng		95
36) 4-Chloro-3-methylphenol	12.107	107	167707	42.05	ng		94
37) 2-Methylnaphthalene	12.477	142	362432	40.83	ng	#	94
38) 1-Methylnaphthalene	12.695	142	337090	39.97	ng		99
40) 1,2,4,5-Tetrachloroben...	12.842	216	235141	40.36	ng		98
41) Hexachlorocyclopentadiene	12.824	237	118540	39.26	ng		98
43) 2,4,6-Trichlorophenol	13.088	196	156513	41.32	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.159	196	157474	40.95	ng	#	94
46) 1,1'-Biphenyl	13.482	154	482060	39.90	ng		97
47) 2-Chloronaphthalene	13.529	162	399452	40.53	ng		98
48) 2-Nitroaniline	13.729	65	142179	43.53	ng	#	76
49) Acenaphthylene	14.375	152	585780	40.64	ng		97
50) Dimethylphthalate	14.099	163	528396	40.55	ng		99
51) 2,6-Dinitrotoluene	14.222	165	113714	42.07	ng	#	68
52) Acenaphthene	14.716	154	378184	41.04	ng		95
53) 3-Nitroaniline	14.551	138	115594	42.96	ng		82
54) 2,4-Dinitrophenol	14.757	184	73536	42.41	ng	#	75
55) Dibenzofuran	15.045	168	607192	40.08	ng		97
56) 4-Nitrophenol	14.869	139	90917	43.63	ng	#	68
57) 2,4-Dinitrotoluene	15.010	165	164844	41.77	ng	#	82
58) Fluorene	15.697	166	489558	40.20	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.274	232	167089	41.38	ng	#	98
60) Diethylphthalate	15.462	149	530164	41.19	ng		95
61) 4-Chlorophenyl-phenyle...	15.685	204	292558	40.57	ng		98
62) 4-Nitroaniline	15.715	138	123384	42.70	ng	#	67
63) Azobenzene	15.979	77	466741	40.46	ng		90
65) 4,6-Dinitro-2-methylph...	15.773	198	104400	43.63	ng		87
66) n-Nitrosodiphenylamine	15.903	169	444424	41.98	ng		99
67) 4-Bromophenyl-phenylether	16.578	248	200458	41.70	ng		97
68) Hexachlorobenzene	16.702	284	217777	41.69	ng		97
69) Atrazine	16.849	200	188931	41.72	ng		97
70) Pentachlorophenol	17.048	266	119538	42.00	ng		98
71) Phenanthrene	17.436	178	813033	40.71	ng		97
72) Anthracene	17.530	178	798829	41.17	ng		97
73) Carbazole	17.801	167	710046	41.45	ng		99
74) Di-n-butylphthalate	18.347	149	880259	42.02	ng	#	98
75) Fluoranthene	19.446	202	985884	38.75	ng		97
77) Benzidine	19.622	184	428419	39.42	ng		99
78) Pyrene	19.810	202	982476	43.54	ng		98
80) Butylbenzylphthalate	20.685	149	374071	43.94	ng		93
81) Benzo(a)anthracene	21.637	228	951680	41.43	ng		98
82) 3,3'-Dichlorobenzidine	21.555	252	332169	41.79	ng	#	99
83) Chrysene	21.708	228	909899	41.15	ng		99
84) Bis(2-ethylhexyl)phtha...	21.537	149	512653	43.05	ng		94
85) Di-n-octyl phthalate	22.736	149	840130	41.98	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.512	276	1051891	41.67	ng	#	74
88) Benzo(b)fluoranthene	23.846	252	925410	40.76	ng	#	97
89) Benzo(k)fluoranthene	23.911	252	923950	41.67	ng	#	97
90) Benzo(a)pyrene	24.710	252	879054	41.49	ng	#	96
91) Dibenzo(a,h)anthracene	28.576	278	863221	42.02	ng	#	94
92) Benzo(g,h,i)perylene	29.663	276	831563	40.82	ng	#	93

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

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